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ELIMINATION OF DUPLICATION IN THE MANAGEMENT AND LOGISTICS SUPPORT OF INTERCHANGEABLE AND SUBSTITUTABLE ITEMS



30 August 1984

DEPARTMENTS OF THE AIR FORCE, THE ARMY, THE NAVY, THE MARINE CORPS AND
DEFENSE LOGISTICS AGENCY

**DEPARTMENTS OF THE AIR FORCE, THE ARMY, AND THE NAVY,
AND DEFENSE LOGISTICS AGENCY**

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This publication provides the procedures which the logistics elements of the Military Services and the Defense Logistics Agency have established to implement the intent of DoD Management Objective 8, Action 6: Eliminate Duplicate Wholesale Inventory Management, as it applies to Interchangeable and Substitutable (I&S) items of supply, whether consumable or nonconsumable. The procedures provide for actions to be taken in two separate but related areas of effort. The first area of effort will result in an assignment, for each I&S family of items, of single wholesale management responsibility for cataloging, acquisition, disposal and, as may be appropriate, depot level maintenance. The second area of effort will result in implementation and operation of a DoD I&S System under the provisions of this publication and related directives, instructions, and regulations as referenced herein. Upon completion of all actions contained in this publication, each family of I&S items will have integrated management to the extent practical. Cryptologic and nuclear items, while excluded from the purview of this publication, will be addressed by the cognizant agencies/activities.

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Chapter 1

INTRODUCTION

1-1. Background:

a. The Joint Logistics Commanders (JLCs) directed their Joint Policy Coordinating Group for Defense Integrated Materiel Management (JPCG/DIMM) to eliminate unnecessary duplication in management and logistics support of multiused nonconsumable items. The JPCG/DIMM, in February 1974, chartered the Nonconsumable Item Subgroup (NIS) to accomplish this task.

(1) In order to accomplish the task, the NIS prepared a Joint Service Regulation (AFLCR 400-21/DARCOMR 700-99/NAVMATINST 4790.23__/MCO P4410.22__) which provided necessary policy guidance and procedures for required actions. The Joint Service Regulation contained provisions for the assignment of specific single wholesale management responsibilities on all nonconsumable items less those in the following categories:

(a) Conventional ammunition items under the cognizance of the Single Manager for Conventional Ammunition (SMCA).

(b) Cryptologic items under the cognizance of the National Security Agency (NSA).

(c) Nuclear items under the cognizance of the Defense Nuclear Agency (DNA).

(d) Multiused items for which a condition of interchangeability and/or substitutability was assigned by one or more using services in the Total Item Record (TIR) of the Defense Logistics Services Center (DLSC) and no single integrated manager could be agreed upon.

(2) The Joint Service Regulation prepared by the NIS provided for the assignment of a Primary Inventory Control Activity (PICA) on interchangeable and substitutable (I&S) items in a resolution conference mode. Two limiting factors, however, precluded effective accomplishment of this task at that time:

(a) Existing service I&S systems were dissimilar.

(b) Existing capabilities would not afford an assigned manager visibility of using service I&S assignments in logistics decisionmaking processes.

b. By memorandum dated 19 May 1976, the Assistant Secretary of Defense (I&L) requested that the JPCG/DIMM be tasked to develop and coordinate detailed requirements for a DoD I&S System. In January 1977, the JPCG/DIMM chartered the Interchangeable and Substitutable Item Subgroup (ISIS) to accomplish the following required actions for both consumable and nonconsumable items:

(1) Review existing Military Service/Agency (S/A) I&S systems and develop uniform DoD I&S criteria.

(2) Review existing Defense Integrated Data System (DIDS) capabilities and prepare System Change Requests (SCR) necessary for DIDS accommodation of a suitable I&S System within the DLSC TIR.

(3) Develop criteria for and assign single wholesale management responsibilities for each I&S family, including appropriate recordation in the DLSC TIR.

(4) Develop criteria and procedures to ensure compatibility of the DoD I&S System among its users.

(5) Prepare necessary directives for implementation and operation of the DoD I&S System.

1-2. Purpose. This publication provides uniform guidance and procedures governing:

a. Identification of families of National Stock Numbered (NSN) I&S items.

b. Criteria for determining the master item of each family and its related items.

c. Criteria to be used in the determination and assignment of a single wholesale manager for each family of I&S items.

d. Criteria for implementation and operation of the DoD I&S System.

e. Criteria for inclusion of I&S information in logistics decisionmaking processes.

1-3. Objectives:

a. Eliminate unnecessary duplication in the wholesale inventory management of I&S items by:

(1) Identifying DoD families of I&S items for subsequent determination of single wholesale management assignments.

(2) Providing a standard method of inter-S/A I&S communications through the DIDs.

(3) Precluding future inventory management duplication on multiused I&S items.

(4) Using existing DoD standard systems and procedures to the maximum extent possible.

(5) Incorporating, insofar as practical, automated data processing techniques in support of this program.

(6) Providing guidance to promote resolution of S/A differences involving I&S family structures, master item designations, and single wholesale management assignments.

b. Promote uniform application of I&S information in logistics decisionmaking processes.

1-4. Scope:

a. This publication provides the necessary guidance to implement a program for identifying a single wholesale manager for each I&S family of items, whether nonconsumable or consumable, except for those exclusions addressed in the following paragraph.

b. Items under the management cognizance of the DNA and the NSA are excluded from the purview of this publication. These agencies/activities will promulgate procedures as necessary to eliminate duplication associated with multiused I&S items under their respective cognizance.

c. This program observes the following principles:

(1) A common master item within each family will be reviewed in order to identify a master item which is suitable for use as a substitute by all users of any item in the family.

(a) All I&S items within each family will be reviewed in order to identify a master item which is suitable for use as a substitute by all users of any item in the family.

(b) S/A disagreements on master item designations resulting from Automated Master Items and PICA Selector (AMIPS) system output will be addressed by resolution conferences.

(2) Single wholesale management assignments on master items will be based largely on precedents for such assignments.

(a) Master items which are consistently managed as consumables will be retained by the current Commodity Integrated Materiel Manager (CIMM) or Weapons Integrated Materiel Manager (WIMM), who will perform Integrated Materiel Management (IMM) responsibilities as specified in DoD 4140.26-M, Volumes I and II, respectively.

(b) Master items which are consistently managed as nonconsumables will be assigned to a single wholesale manager who will perform PICA materiel management responsibilities as specified in AFLCR 400-21/DARCOMR 700-99/NAVMATINST 4790.23__/MCO P4410.22__. Such assignments will be made in accordance with chapter 3 herein and with other conditions being equal, will be weighted in favor of the service having the largest technical and depot maintenance capability for the item, as determined by the Depot Maintenance Interservice (DMI)/Joint Depot Maintenance Analysis Group (JD MAG) formerly identified as the Maintenance Interservice Support Management Office (MISMO).

(c) Master items which are inconsistently managed will normally be assigned to a service which manages the item as a nonconsumable.

(d) Nonconsumable and inconsistently managed master items not previously assigned to a PICA will be assigned Nonconsumable Item Materiel Support Codes (NIMSC).

(3) Single wholesale management assignments will be consistent within an I&S family.

(a) When a master item has been assigned to a single wholesale manager, that S/A will also be assigned integrated management responsibilities for the remaining items in the family. If appropriate, Logistics Reassignment (LR) action will be initiated by the manager of the master NSN in order to align family management assignments. However, prior to LR action the master NSN will be evaluated in accordance with the Item Management Code (IMC) criteria contained in DoD 4140.26-M.

(b) The assigned single wholesale manager will perform wholesale support responsibilities for all related items in the family irrespective of its retail user interest, or lack thereof, on any related item within the family.

(c) In order to promote consistent wholesale management assignments within a

family, all members of the family will be assigned or reidentified through managing and using S/A collaboration to the same Federal Supply Class (FSC). Where practical, the FSC of the master item will prevail.

(4) Wholesale management performed by the family single wholesale manager will be in accordance with the I&S coding assigned by each respective using S/A. The single wholesale manager will assure equal treatment to all customers without regard to S/A affiliations.

(5) Materiel management functions not assigned to the single wholesale manager will remain the responsibility of the using S/A.

(6) The procedures contained in this publication provide for implementation and subsequent operation and application of the DoD I&S System. These procedures will be superseded upon their incorporation into other appropriate DoD directives or instructions or Joint Service Regulations.

1-5. Responsibilities:

a. The JPCG/DIMM is responsible for:

(1) Establishing interservice policies and procedures for eliminating unnecessary duplication in the wholesale material management of I&S items.

(2) Providing guidance and reviewing actions taken by the ISIS.

(3) Reporting progress to the JLCs.

b. The ISIS is responsible for:

(1) Developing necessary SCRs to provide specifications for DIDS accommodation of the DoD I&S System.

(2) Overseeing original designations of master items for all existing I&S families. This responsibility will include the development of schedules for any required resolution conferences.

(3) Developing criteria for consistent wholesale management assignments on existing I&S families.

(4) Developing procedures and an implementation program for the selection of master items and the assignment of single wholesale managers.

(5) Monitoring the development and implementation of the DoD I&S System. This

responsibility will include providing guidance and assistance as necessary to S/A DIDS focal points.

(6) Ensuring that initial single wholesale management assignments on I&S items and related I&S data are recorded in the DIDS TIR.

(7) Providing progress reports to the JPCG/DIMM.

(8) Maintaining this publication until all actions required to implement this program are completed and applicable procedures are incorporated into other appropriate directives, instructions and/or regulations.

c. Each S/A is responsible for:

(1) Providing representation to the ISIS.

(2) Providing an S/A focal point responsible for receiving and monitoring data required for the implementation of this program.

(3) Revising its internal procedures, as applicable, to accommodate the procedures contained herein.

(4) Implementing required actions to accomplish the objectives of this program.

(5) Establishing detailed procedures for program implementation.

(6) Participating in resolution conferences as may be required.

(7) Initiating action to update applicable Catalog Management Data (CMD) and I&S data in the DIDS TIR.

(8) Assuming or relinquishing applicable materiel management responsibilities on established Effective Transfer Dates (ETD) in accordance with assigned Major Organizational Entity (MOE) rules.

(9) Developing necessary interim instructions and establishing training programs, as may be required.

d. DLSC is responsible for:

(1) Attending and participating in ISIS meetings having impact upon the development and implementation of the DoD I&S System.

(2) Advising and presenting to the DoD I&S System functional manager requirements and policy deficiencies/discrepancies for resolution during the development and implementation of the DoD I&S System.

(3) Updating the DIDS Procedures Manual (DoD 4100.39-M) and the Provisioning Screening Manual (DoD 4100.38-M) to reflect the changes identified in the DoD I&S Requirement.

(4) Developing training material for the DoD I&S System as determined by the S/A.

(5) Designing, programming, and testing the DoD I&S System to ensure that all I&S requirements are implemented.

(6) Participating in the certification of the operational readiness of the DoD I&S System.

(7) Administering the DoD I&S System in accordance with DoD 4100.39-M.

(8) Recording the DoD I&S family in segment H of the TIR.

(9) Ensuring the designing, programming, and testing of the AMIPS in accordance with requirements developed by the ISIS.

(10) Operating and maintaining the AMIPS including providing statistics and microfiche output of the system notification records to the S/A.

e. The DoD I&S Functional Manager/Administrator is resident within HQ Defense Logistics Agency/DLA-SE and is responsible for:

(1) Serving as the DoD Focal Point for the DoD I&S System implementation efforts.

(2) Serving as the DoD Focal Point and Administrator for the development and resolution of functional requirements and policy decisions pertinent to the DoD I&S System.

(3) Preparing and coordinating with participating S/A a plan for the implementation of the DoD I&S System.

(4) Convening and chairing the joint S/A System interface meetings required for the implementation of the DoD I&S System.

(5) Advising the participants of new or revised functional requirements and policies having impact upon DoD I&S System implementation plan, interfaces and actions.

(6) Participating in the certification of the operational readiness of the DoD I&S System.

(7) Participating in the operational review of the implemented DoD I&S System.

(8) Presenting reports and progress briefings to joint S/A meetings, Deputy Assistant Secretary of Defense for Logistics and Materiel

Management and HQ DLA staff elements.

f. The I&S S/A Focal Points are responsible for:

(1) Representing their respective S/A on all issues pertinent to system implementation efforts for the DoD I&S System.

(2) Representing their respective S/A at Interservice/Agency System planning and interface meetings.

(3) Coordinating on and assisting in the development of all Interservice/Agency System requirements, plans, and interfaces required for the implementation of the DoD I&S System.

(4) Advising and presenting to the DoD I&S Functional Manager and the DLSC I&S Project Manager functional requirements deficiencies/discrepancies for resolution during the implementation of the DoD I&S System.

(5) Advising the DoD I&S Functional Manager of the impacts new or revised functional requirements and policies have upon DoD I&S System implementation plans, interfaces and actions.

(6) Providing the DoD I&S Functional Manager with periodic status/progress reports pertinent to their overall progress in implementing the DoD I&S System.

(7) Providing the DLSC I&S System Project Manager with periodic status/progress reports pertinent to their respective implementation efforts pertaining to implementation of SCR DF7808301.

(8) Participating in the certification of the operational readiness of the DoD I&S System.

(9) Participating in the operational review of the implemented DoD I&S System.

(10) Providing copies of their respective implementation plans to the DoD I&S Functional Manager.

(11) Participating in the completion of residual S/A taskings remaining as a result of the eventual disestablishment of the ISIS.

1-6. Abbreviations. Abbreviations used in this publication are alphabetically listed and identified in clear text in Appendix A.

1-7. Explanation of Terms. Terms appearing in this publication are used in accordance with definitions contained in JCS Publication 1 unless

otherwise defined in Appendix B.

1-8. Maintenance of Publication:

a. Recommended changes to this publication may be submitted by S/A activities as the need arises. All recommendations for additions, deletions, and corrections, including inquiries or correspondence regarding implementation of the procedures and functional processes stated herein or in the cited directives, will be processed through the following points of contact for referral to the ISIS and subsequent joint S/A staffing;

(1) US ARMY US Army Material
Development and
Readiness
Command/DRCMS-PSP
Alexandria VA 22333

(2) US Navy HQ Naval Material
Command/MAT-04
Washington DC 20360

(3) US Air Force HQ Air Force Logistics
Command/MML
Wright-Patterson AFB
OH 45433

(4) US Marine
Corps Commandment of the
Marine Corps/LM
Washington DC 20380

(5) Defense
Logistics
Agency HQ Defense Logistics
Agency/SE Alexandria
VA 22314

b. Recommendations or comments will be identified to specific pages, paragraphs, and lines in the text. The proposed revised text should be provided with sufficient rationale for the recommended changes.

Chapter 2

DOD I&S SYSTEM

2-1. General. The DoD I&S System will portray those technical decisions of the managing or using S/A which involve I&S relationships between items of supply. In addition, the I&S System will maintain the integrity of I&S data by ensuring that I&S items are managed only in a family context and that items in an I&S family are consistently managed by a single wholesale manager. Requirements for the I&S System have been developed by the ISIS and have been submitted to DLSC, in accordance with DoD 4100.39-M, as DIDS SCR DF78083-01.

a. Inter-S/A differences with respect to the requirements of the SCR have been progressively resolved through the staffing process and specially convened conferences.

b. Final detailed specifications for DIDS accommodation of the DoD I&S System will be published in forthcoming revisions to DoD 4100.39-M. Those specifications and related procedural revisions will adhere to the principles contained in chapter 1 of this regulation and the specifications in this chapter.

2-2. Administration:

a. Prior to incorporation of the I&S System into DIDS, the ISIS will administer actions prerequisite to implementation of the system. This responsibility will include the initial designation of a master item for each I&S family and assignment of a single wholesale manager for each family.

b. Upon incorporation of the system into DIDS, DLSC will administer the system in accordance with forthcoming revisions to DoD 4100.39-M. This responsibility will include maintaining the integrity of family structures and single wholesale management assignments within families.

c. Upon incorporation of the system into DIDS, the managing or using S/A will coordinate on changes to family structures and revisions to single wholesale management assignments before submitting changes to the DIDS.

2-3. Maintenance of Data Base:

a. Prior to incorporation of the I&S System into DIDS, the ISIS will oversee a data base to foster a master item designation for each family

and a single wholesale management assignment for each family.

b. Upon incorporation of the system into DIDS, DLSC will record DoD I&S family data in segment H of the TIR. DLSC processing will be characterized by the following capabilities and constraints:

(1) Family structures and I&S coding assignments will conform to the provisions of this regulation and DIDS procedures manual, DoD 4100.39-M. When the DoD I&S System is implemented, DoD 4100.39-M will be considered as the authoritative document.

(2) The wholesale manager of the family will be the sole activity authorized to revise the family structure.

(3) The wholesale manager and each using S/A will be responsible for revisions to its respective I&S coding assignments.

(4) Using S/A will be notified through DIDS file maintenance procedures of revisions to the family structure and revisions to the I&S coding assignments of the wholesale manager when such revisions affect family members on which the S/A has a MOE Rule recorded on the item.

(5) The wholesale manager will be provided through DIDS file maintenance procedures with the I&S coding assignments of each using S/A and will be notified of revisions to such coding assignments submitted by the S/A.

(6) Processing of revisions to family structures and revisions to I&S coding assignments will be constrained by appropriate effective-date criteria in order to preclude inter-S/A data conflicts within I&S families.

(7) Authorized cataloging activities will be able to interrogate the DIDS TIR for I&S data in accordance with the interrogation procedures stated in DoD 4100.39-M.

c. Upon incorporation of the system into DIDS, the assigned manager of a family will maintain visibility of the I&S coding assignments of all S/A users of the family within its own data base in order to ensure that user I&S assignments are considered in logistics decision-making processes.

d. Upon incorporation of the system into

DIDS, using S/A will maintain visibility of their own I&S determinations on a basis which is compatible with DIDS processing requirements and the procedures herein.

2-4. I&S Family Structure. When two or more NSNs are determined to have I&S relationships, an I&S family will be established subject to the following concepts and constraints:

a. An I&S family is an entity of items which possess physical and functional characteristics such as to provide comparable performance for a given requirement under given conditions. Further, an I&S family is the full range of items determined by the managing or using S/A to have interchangeable or substitutable relationships with each other and for which a common master item can substitute.

(1) An I&S family must have a master item which is suitable for use in lieu of any other item within the I&S family and is commonly agreed to as the master item by all using S/A.

(2) An I&S family which contains a generic NSN must have that NSN as its master item.

(3) Each item in an I&S family must reflect retail interest by either the managing or one or more using S/A.

(4) Neither the managing S/A nor any individual using S/A need have retail interest in all items in the family.

(5) Any S/A which has retail interest in any related item in the family must have, or establish, retail interest in the master item as well.

(6) An I&S family will be limited to 50 NSNs.

b. An I&S family group is that range of items within an I&S family which is assigned to an individual S/A for management or in which a using S/A has retail interest.

(1) Each S/A must have as the master item of its I&S family group the master item of the family.

(2) The managing S/A must reflect all items in the family in its family group.

(3) A managing or using S/A may have retail interest in the family master item only, unless the master item is a generic NSN. When the family master item is a generic NSN, each managing or using S/A must establish retail in-

terest in one or more of the related generic items of supply.

c. An I&S family subgroup is that range of items within a family group which are interchangeable with each other. Items which have no interchangeable relationship with any other item are the sole member of their subgroups. Items which are not interchangeable are assigned different subgroup code values. .

(1) When a generic I&S relationship exists in an I&S family, the generic NSN will always be the master item. There can only be one generic NSN for each I&S family. Each managing or using S/A of the I&S family must have or establish requirements for the generic master NSN and at least one related item in the generic subgroup.

(2) Within a family group:

(a) Items which are interchangeable will be assigned to the same subgroup.

(b) Items which are substitutable will be assigned to different subgroups.

d. Subgroups will be limited to a maximum of 26 NSNs.

2-5. I&S Coding:

a. Inputs and outputs for the DoD I&S System will conform to the specifications in this regulation and the DIDS procedures manual, DoD 4100.39-M. When the DoD I&S System is implemented, DoD 4100.39-M will be considered as the authoritative document. Illustrative examples of I&S coding are provided in Appendix C.

b. I&S coding will be assigned or specified by each managing or using S/A for items within its respective I&S family group to document S/A technical determinations on I&S relationships. I&S coding will consist of three separate elements of data, as follows:

(1) Order of Use (OOU) Codes. OOU's will be assigned to identify I&S relationships and relative preference between or among items in an I&S family group. Specifications for OOU assignments are provided in paragraph 2-6.

(2) Jump-To Codes (JTC). JTCs will be assigned to identify those items within I&S family groups which have no I&S relationship with each other, but which do have a common substitutable item in the family group. Specifications for JTC assignments are provided in paragraph 2-7.

(3) Phrase Codes. Phrase codes will be assigned to identify the individual I&S relationship between each item in a family group and the master item of the family or the generic relationship between generic items of supply. Specifications for phrase code assignments are provided in paragraph 2-8.

2-6. Order of Use Codes:

a. OOU codes will be assigned to document S/A technical determinations regarding I&S relationships and relative item preferences for issue. Assigned OOUs will reflect the progressive order of interchangeable or substitutable preference within each S/A.

(1) Each managing or using S/A will assign OOU codes to items in its respective I&S family group.

(2) CIMMs will assign an OOU code to each item in the I&S family to facilitate I&S determinations by using S/A.

(3) WIMMs and Lead Service (LS) PICAs also will assign an OOU code to each item in the family to facilitate I&S determinations by other using S/A. However, family items in which the WIMM or LS PICA has no retail interest will be assigned a unique OOU code which is no definitive for using S/A I&S determinations.

(4) Using S/A will assign OOU codes to items in their respective family groups based upon S/A technical determinations. Compatibility with the OOU code assignments of the CIMM, WIMM or LS PICA is not required so long as using S/A assignments observe the following:

(a) OOU recognition of a common master item for the family.

(b) OOU assignments on all family items in which the S/A has retail interest.

(5) Using S/A which have retail interest in the master item only (that is, the using S/A has no retail interest in any other item in the family group) will not assign an OOU code to the master item.

b. OOU codes will consist of three alphabetic characters: the first two characters will comprise the subgroup code, the final character will be the sequence code.

(1) Each item within the family group will be assigned a distinctive OOU code.

(a) WIMMs and LS PICAs will assign

nondefinitive OOU code "ZZZ" to those family items in which they have no retail interest.

(b) WIMMs and LS PICAs will assign nondefinitive OOU code "XXX" to the master item if that managing service has no retail interest in any other item in the family.

(c) The first or least preferred item to be assigned a definitive OOU code will be assigned a subgroup code value of "AA" and a sequence code value of "A".

(d) Other related items in the family group will be assigned subgroup codes and sequence codes with progressively ascending values as specified later in this paragraph.

(e) The master item of the family if not assigned OOU code "XXX" will be assigned the highest OOU code value in each respective S/A family group.

(2) Items which are determined to be interchangeable by the managing or using S/A will be assigned the same subgroup code value in the family group.

(a) Relative preference between/among interchangeable items will be documented by the assigned subgroup sequence codes.

(b) The least preferred item in a subgroup will be assigned a sequence code value of "A". Increasing order of preference will be reflected by the assignment of ascending sequence code values (that is, "B", "C", etc).

(c) Family subgroups will be limited to a maximum of 26 items.

(3) Items which have a generic relationship also will be assigned sequence codes in ascending value in order to conform to coding requirements. However, generic items implicitly will be understood to have no relative order of preference.

(4) Items which are determined to be substitutable by the managing or using S/A will be assigned different subgroup code values within the family group.

(a) The least preferred substitutable item will be assigned a subgroup value of "AA". Increasing order of preference between/among substitutable items will be documented by the assignment of ascending values in the second digit of the subgroup code (that is, "AB", "AC", etc).

(b) When necessary to accommodate large &S families of substitutable item (more than 26 subgroups) the first digit of the subgroup code will be assigned an ascending value (that is, "AY", "AZ", "BA", "BB", etc.).

(c) The first or least preferred item in each subgroup will be assigned a sequence code value of "A".

(d) Families will be limited to a maximum of 50 subgroups subject to the prior limit of 50 NSNs in a family.

(5) Items which are determined to have no I&S relationship with each other may be assigned any appropriate subgroup values less than the subgroup value of the master item of the family.

(a) Items which have no I&S relationship with each other implicitly will be understood to have no relative order of preference between/among themselves.

(b) Items which have no I&S relationship with each other will be recognized by the value of the JTC assigned in accordance with paragraph 2-7.

(6) Family groups may include any relevant combinations of generic items, interchangeable items, substitutable items and items with a common substitute so long as the preceding OOU code rules are observed.

2-7. Jump-To Codes:

a. JTCs will be assigned as necessary to identify items which have no I&S relationship with each other, but which have a common substitutable item in the family group.

(1) A JTC will denote an exception to the normally progressive I&S preferential relationships of family items specified by OOU code assignments.

(2) A JTC will always identify, for the item to which assigned, the next preferred item and may be in any subgroup other than the subgroup assigned the next ensuing OOU code value.

(3) A JTC may be assigned only in a family group with a minimum of three subgroups, since at least one subgroup must be spanned in order to document I&S nonrelationship. The subgroup(s) spanned are identified as having no I&S relationship with the item assigned the JTC.

(4) One JTC will be assigned for each in-

cidence of I&S nonrelationship within a family group.

(5) Each managing or using S/A will independently assign JTCs as necessary to document respective S/A technical determinations.

b. A JTC will consist of three alphabetic characters which are identical to the value of the OOU code assigned to the next preferred substitutable item in the family subgroup.

(1) A JTC will be assigned only to an item with the highest OOU code value in a family subgroup.

(a) A JTC may not be assigned to a related item within the same subgroup.

(b) Since a JTC identifies the next preferred item, a JTC may not be assigned to the master item of the family.

(c) Since a JTC must span at least one subgroup, a JTC may not be assigned to the subgroup immediately prior to the master item subgroup.

(2) The first two characters of a JTC will be identical to the subgroup code of the next preferred substitutable item. In order to span the nonrelated subgroup(s), the first two characters must be greater than the value of the next ensuing subgroup(s) in the family group.

(3) The third character of a JTC will always be "A" in order to identify the first or least preferred item in the substitutable subgroup as the next preferred substitutable item.

2-8. Phrase Codes:

a. Phrase codes will be assigned in order to identify, in CMD publications used as references by field activities, the I&S relationship between each item in a family group and the master item of the family.

(1) Phrase code assignments will be consistent with the relationships implied by OOU code values.

(2) Phrase codes will be generated by each managing and using S/A to all items in their respective family groups. Alternatively, at the option of each S/A, phrase codes may be assigned by DLSC based on respective S/A OOU code assignments.

b. Phrase codes are single alphabetic or numeric characters which equate to clear-text phrases either denoting relationships between

NSNs or providing other technical information of value to field activities.

(1) Phrase codes which equate to clear-text phrase explanations denoting unqualified substitutability and/or interchangeability will be regarded as I&S Phrase Codes.

(2) Only the following phrase codes will be regarded as I&S phrase codes; E, F, G, J, S, U, 3 and 7. Explanation for these phrase codes are provided in DoD 4100.39-M, Volume 10, Table 52.

(3) Phrase codes which equate to other clear-text phrases and explanations (for example, qualified substitutability, supersedure, etc), as identified in DoD 4100.39-M, Volume 10, Table 52, will be regarded as non-I&S phrase codes.

(4) Each item in a family will be assigned an I&S phrase code.

(a) WIMMs and LS PICAs will assign Phrase Code "U" to those family items in which they have no retail interest. Implicitly, Phrase Code "U" will be assigned only to items which have a nondefinitive OOU code value of "ZZZ".

(b) Each related item which is assigned a definitive OOU code value also will be assigned one "forward" I&S phrase code (that is, E, F, or 3) to define the relationship of the item to the master item. Each related generic item which is assigned a definitive OOU code value also will be assigned a Phrase Code "J" to each other generic item in the family group to define the generic relationship between the items.

(c) The master item will be assigned as many "reciprocal" I&S phrase codes (that is, G, 7 or S, respectively) as necessary to define the relationship of the master item to each related item which has a definitive OOU code value.

(d) Related items not in the family subgroup of the master item will be assigned Phrase "F" to the master item. The master item will be assigned reciprocal Phrase Code "7" to such items.

(e) Related Items in the Subgroup of the master item will be assigned Phrase Code "E" to the master item. The master item will be assigned reciprocal Phrase Code "G" to such items.

(f) If the master item of the family is a generic NSN, related generic items will be assigned Phrase Code "J" to each other and Phrase Code "3" to the generic master NSN.

The generic master NSN will be assigned reciprocal Phrase Code "S": to each generic item.

(5) When the level of authority (LOA) involvement is 01, 02, 06, 22 or 23, I&S phrase codes may be assigned only to items in an established I&S family. I&S phrase codes may not be used to relate items outside the family to other items within the family; I&S phrase codes may not be used to relate items within the family to other items outside the family.

(6) Non-I&S phrase codes may be associated with items in the family as a supplement to I&S phrase codes. When necessary to provide additional technical or reference data to field activities, non-I&S phrase codes may be used as follows:

(a) To document non-I&S or conditional relationships either from items outside the family to other items within the family or from items within the family to other items outside the family.

(b) To amplify substitutable relationships between items in different subgroups within the family.

(7) Non-I&S phrase codes which supplement I&S phrase codes may be assigned in appropriate numbers and in any appropriate combination which does not contradict the implications of the related I&S phrase code assignments.

2-9. Special Provisions:

a. The data base maintained by the ISIS will be developed by special submissions of I&S data calls by managing and using S/A with the incorporation of I&S relationships identified through S/A I&S phrase codes. Maintenance and use of the I&S data base is addressed in chapter 3 of this regulation.

b. Maintenance of the DoD I&S System will be performed in accordance with DoD 4100.39-M. Those procedures will recognize managing and using S/A prerogatives in the assignment of I&S coding to their respective family groups, but will afford each S/A various options for centralized, automated assignment of I&S coding by DLSC.

c. Managing and using S/A, at their option, may develop criteria for centralized, automated assignment of I&S coding by DLSC.

(1) The criteria will be suitable for incorporation into DIDS and publication in DoD 4100.39-M

and may consist of the following:

- (a) Specifications for DLSC generation of I&S phrase codes based on S/A OOU coding assignments.
- (b) Specifications for DLSC generation of using S/A OOU codes and JTCs based on managing S/A OOU coding and JTC assignments.
- (2) As the primary basis for construction of an I&S family, OOU coding assignments of the managing S/A must be submitted by that S/A and are not subject to centralized assignment by DLSC.
- (3) As indicators of exceptions to normal OOU progressions, JTCs for using S/A are not subject to centralized assignment by DLSC on a basis which is independent of JTC assignments made by the managing S/A.
- (4) When an S/A opts for DLSC generation of I&S phrase codes or OOU codes and JTCs, that S/A will retain the capability to revise the DLSC assignments, on an exception basis, so long as the revised I&S coding conforms to pertinent coding specifications in this chapter.
- (5) When an S/A opts for DLSC generation of I&S phrase codes, exercise of that option will apply only to I&S phrase codes. DLSC will assign, revise or delete non-I&S phrase codes only upon submission of S/A transactions or specifications to that effect.

2-10. Management Information Reports:

- a. DIDS SCR DF 78083-01 contains specifica-

tions for production of selected management information reports. The reports will be identified in the IMSS-23 series and will provide information as follows:

- (1) IMSS-23A. NSNs in Families by S/A. The report will contain for each S/A:
 - (a) The number of NSNs in I&S families on which the S/A has registration.
 - (b) The average number of NSNs per family.
 - (c) The number of I&S families with the following numbers of items: 2, 3, 4, 5, 6-10, 11-15, 16-25, and 26-50.
- (2) IMSS-23B. I&S Families by PICA/SICA. This report will contain for each S/A:
 - (a) The number of I&S families that an S/A has interest in when functioning as a PICA and/or SICA.
 - (b) The number of Master NSNs on which that S/A is assigned as a PICA.
 - (c) The number of Related NSNs on which that S/A is assigned as a PICA.
 - (d) The number of Master NSNs on which that S/A is assigned as a SICA.
 - (e) The number of Related NSNs on which that S/A is assigned as a SICA.
- (3) The IMSS-23A and 23 B will be subdivided into the specific Federal Supply Group (FSG) and the Federal Supply Class (FSC) within the FSG for each S/A.

Chapter 3

I&S Family Assignments

3-1. General.

The procedures in this chapter will be used:

- a. To recommend the master item and wholesale manager for each I&S family.
- b. To perform review and, when necessary, collaboration among S/As to resolve management and data inconsistencies.
- c. To identify actions required if S/As don't agree on proposed I&S family structure or management.

3-2. Automated Master Item and PICA Selector System (AMIPS):

- a. The AMIPS is designed to collect, generate, and identify S/A I&S decisions for S/A review/collaboration prior to loading families to the DoD I&S System.
- b. The AMIPS will be operated by DLSC until the DoD I&S System is implemented.
- c. The AMIPS data base will be assembled from S/A submitted I&S data combined with the I&S data generated from NSNs assigned Phrase Codes (P/C) E, F, G, H, J, S, U, 3, and 7 in the TIR. (NOTE: The NSNs assigned Phrase Code H in the DIDS TIR will be listed and forwarded to the applicable S/A for review.)
- d. The AMIPS will perform the following functions:

- (1) Group and merge I&S families from aforementioned data sources.
- (2) Categorize I&S families for control and determination of collaboration and resolution requirements as follows:

(a) Category A1. I&S family groups comprised of items identified by OOU or I&S P/Cs to only one S/A and those item(s) are not included in another family group. However, some S/A actions are required before I&S groups can pass edits and be entered into DIDS (for example, other S/A has MOE Rule registration recorded on group items with no I&S identified for that S/A).

(b) Category A2. Same as A1, except, no S/A actions to update the TIR for those I&S groups are required prior to inputting the I&S families in the DIDS.

(c) Category B1. I&S family groups with identical masters and identical related item for all S/As having an I&S P/C relationship or reflecting a submitted OOU code for those items. Those S/A not submitting the groups don't have any of the items in another family group. However, some S/A actions are required before the I&S groups can pass edits and be entered into the DIDS (for example, other S/A has MOE Rule registration recorded on group items with no I&S identified for that S/A).

(d) Category B2. Same as B1, except, no S/A actions to update the TIR for those I&S groups are required prior to inputting the I&S families in the DIDS.

(e) Category C1. I&S family groups with identical masters but unequal related items for all S/As having an I&S P/C relationship or reflecting a submitted OOU code for those items, and none of the related items are included in another family group. However, some S/A actions are required before the I&S groups can pass edits and be entered into the DIDS (for example, other S/A(s) have MOE Rule registration recorded on group items with no I&S identified for that S/A).

(f) Category C2. Same as C1, except, no S/A actions to update the TIR for those I&S groups are required prior to inputting the I&S families in the DIDS.

(g) Category D. I&S family groups with an identical master NSN for the majority of the S/As having an I&S P/C relationship or reflecting a submitted OOU code for those items, and none of the related items are included in another family group. However, other S/As may have MOE Rule registration recorded on group items with no I&S identified for that S/A. There are some S/A actions required to update the TIR for these I&S groups prior to inputting the I&S families in the DIDS.

(h) Category E. I&S family groups without a predominant master item for the S/As having an I&S P/C relationship or reflecting a submitted OOU code for those items, and the related items are not included in other family groups. However, other S/A may have MOE Rule registration recorded on group items with no I&S identified for that S/A. There are some S/A actions required to update the TIR for these

I&S groups prior to inputting the I&S families to the DIDS.

(i) Category F. I&S family groups with identical master NSNs for the majority of the S/As having an I&S P/C relationship or reflecting a submitted OOU code for those items, and any related items contained in this group are also included in another family group (identify related groups by appropriate master NSN). However, other S/As may have MOE Rule registration recorded on group items with no I&S identified for that S/A. There are some S/A actions required to update the TIR for these I&S groups prior to inputting the I&S families to the DIDS.

(j) Category G. I&S family groups without a predominant master for the S/As having an I&S P/C relationship or reflecting a submitted OOU code for those items, and contains related items which are included in another family group (identify related groups by appropriate master NSN). However, other S/As may have MOE Rule registration recorded on group items with no I&S identified for that S/A. There are some S/A actions required to update the TIR for these I&S groups prior to inputting the I&S families in the DIDS.

(3) Recommend I&S Family master items for families with either a commonly recognized or predominately recognized master item.

(4) Identify for inter-S/A resolution, I&S families which have neither a common nor predominate master item.

(5) Recommend a PICA for I&S families.

(6) Provide notifications to managing and supported S/A of recommendations for master item designations and wholesale management assignments. These notifications will also identify inconsistent/erroneous data currently recorded in the TIR. Data elements checked/edited are listed in paragraph 3-7 and notifications codes/definitions/recommended actions are in paragraph 3-8.

(7) Generate statistics for management control.

3-3. Master Item Recommendations:

a. Master items will be recommended/selected for all I&S families as follows:

(1) Category A families. The master item of the S/A either submitting I&S data or with I&S phrase coded relationships in the TIR will be

designated as the master item of the family. Notification will be provided to family PICA and involved S/As on all family recommendations for Category A1 families and to PICA only for Category A2 families.

(a) Notification of the determination will not be provided to other nonsubmitting S/As which have registration on only the master item without any I&S phrase coded relationships recorded, since the master item determination will not impact the support of such users.

(b) Notification will be provided to other nonsubmitting S/As which have registration on a related item without any I&S phrase coded relationships recorded in the TIR. See notification codes and actions to be taken in paragraph 3-8.

(c) Notification also will be provided to other nonsubmitting S/As which have registration on the master item and at least one related item, but have no I&S OOU relationship between the related item(s) and the master item. If the notified S/A does not concur with either action, the recommended PICA will be so informed and the family will be subjected to resolution conference consideration.

(2) Category B and C families. The common master item will be designated as the master item of the family. Notifications are to be provided to the family PICA and involved S/As on all family recommendations. Specifically coded notifications will be provided when the conditions of paragraph 3-3a(1)(b) or (c) are met. If the notified S/A does not concur with required actions, the recommended PICA will be so informed and the family subjected to resolution conference consideration.

(3) Category D families. The predominant master item (the item reflected as the master item by a majority of the S/As) will be recommended as the master item of the family. Notification will be provided to the recommended PICA and involved S/As on all family recommendations.

(a) Notification will be provided to S/As that either submit or reflect I&S phrase codes in the TIR showing other than the recommended family master as the master item of the family.

(b) Specifically coded notification will be provided when the conditions of paragraph 3-3a(1)(b) or (c) are met. If the notified S/A does not concur with required actions, the recommended PICA will be so informed and the family

subjected to resolution conference consideration.

(4) Category E families. A master item for the family will be recommended only if no more than one family group master item is assigned ISC 1 or B, and no other family group master item is assigned ISC 2, 5, 6, or C. If this condition is not met, the family will be subjected to resolution conference selection of a master item. If this condition is met, the family group master item assigned ISC 1 or B will be recommended as the master item of the family. Notifications will be provided to the PICA and involved S/As on all family recommendations.

(a) Notification will be provided to S/As that either submit or reflect I&S phrase codes in the TIR showing other than the recommended family master as the master item of the family. Such notification will advise those S/As to either take action in consonance with the recommended action, or notify the recommended PICA that this relationship should be elevated to a resolution conference.

(b) Notifications will also be provided to other S/As when the conditions of paragraph 3-3a(1)(b) or (c) are met. If the notified S/A does not concur with the recommended action, the recommended PICA will be so informed and the family subjected to resolution conference consideration.

(5) Category F families. A master item for each family will be designated or recommended in accordance with corresponding master item selection criteria for families in Category A, B, C, or D as appropriate. Notifications will be provided to S/As that either submit or reflect I&S phrase codes in the TIR which include a family member in a different family group as well. Such notification will advise those S/As to remove the intergroup conflict in favor of a consistent family structure. The notified S/A will either resolve the intergroup conflict or notify the PICA that this family should be elevated to a resolution conference.

(6) Category G families. Master item recommendations will not be made by AMIPS. Notifications will be provided to all S/As that either submit or reflect I&S phrase codes in the TIR. S/As will perform research and resolve conflicts during resolution conference.

b. Notification of resolution conference requirements will be provided to all S/As which

have registration on any item in an I&S family which requires resolution conference consideration. Guidance concerning resolution conference proceedings are at paragraph 3-11.

3-4. Primary Inventory Control Activity Recommendation Process:

a. The PICA recommendation for I&S families will be based on the existing management assignment of the designated master item (applicable to items reflecting LOA 01, 02, 06, 22, 23).

b. Notifications will be provided to all involved S/A PICA/SICA activities and will identify when inter or intra S/A logistical reassignments or SICA changes are necessary. When logistical reassignments are required, the PICA of the recommended master item will initiate required collaboration in accordance with paragraph 3-10.

3-5. Exclusions:

a. Cryptologic and nuclear items are excluded from the DoD I&S System and AMIPS processing. These items will be identified by the S/A and DLSC by MOE Rules. Cryptologic item exclusion criteria are in Volume 10, Table 156, of DoD 4100.39-M. Nuclear items are excluded if the single submitter is XB.

b. To nominate additional exclusions, send S/A request plus justification to HQ DLA (ATTN: DLA-SE). Final determination on a "case-by-case" basis will be made by OASD (MRA&L).

3-6. Data Calls:

a. Data calls will be initiated to the S/A by the ISIS chairman to coincide with AMIPS incremental processing as identified in paragraph 3-12.

b. Each S/A will submit to DLSC (DLSC-FE (I&S)) and HQ AFLC/MMLIC all items either managed or used by the S/A which have an I&S relationship to one or more other items also managed or used by that S/A. The data submitted represent an extraction from S/A data based, converted to family group alignments with OOU codes and Jump-to Codes identified. The record layout for the data call input, along with tape technical characteristics, is as follows:

(1) Data Record Layout

| <u>NO DATA ELEMENT</u> | <u>COLM SPECIAL INSTRUCTIONS</u> |
|--|--|
| 1 DIC | 1-3 Enter "ISG" |
| 2 Package Sequence Number | 4-6 Each family group is a package (i.e., A01, A02, Z03 sequences a 3 member family group) |
| 3 Priority Indicator Code | 7 Enter "4" |
| 4 Originating Activity Code | 8-9 Enter as per DLSC consolidated cataloging data distribution list |
| 5 Submitting Activity Code | 10-11 Enter as per DLSC consolidated cataloging data distribution list |
| 6 Date, Transaction | 12-16 Enter ordinal date of data input |
| 7 Document control serial number | 17-23 (Leave Blank) |
| 8 File Maintenance Sequence number | 24-26 (Leave Blank) |
| 9 Master Item | 27-39 Enter family group master NSN |
| 10 Materiel Management Aggregation code (MMAC) - Air Force or Special Material Identification Code (SMIC) - Navy | 40-41 Enter if applicable (Else Blank) |
| 11 Blank | 42 (Leave Blank) |
| 12 "TO" Service Activity Code | 43-44 Enter SD |
| 13 Blank | 45 (Leave Blank) |
| 14 Related Item | 46-58 Enter related item NSN. If item is the master enter family group master NSN. |
| 15 Blank | 59 (Leave Blank) |
| 16 Subgroup Code | 60-61 Enter 2 position alpha subgroup code |
| 17 Subgroup sequence code | 62 Enter 1 position alpha/numeric subgroup sequence code |
| 18 Blank | 63 (Leave Blank) |
| 19 Jump-to Code | 64-66 Enter 3 position alpha subgroup/subgroup sequence code designating the subgroup to which the sequence order jumps. Leave blank if normal attriting sequence applies. |
| 20 Blank | 67 (Leave Blank) |
| 21 Management Level Code | 68 Enter as applicable to related item (see figure 3-1). |
| 22 Blank | 69 (Leave Blank) |
| 23 Standardization Code | 70 (Leave Blank) |
| 24 Blank | 71 (Leave Blank) |
| 25 Total Record Count | 72-74 Enter number of items for each family group |
| 26 Blank | 75 (Leave Blank) |
| 27 Service Peculiar Data | 76-79 As Applicable (Else Blank) |
| 28 Blank | 80 (Leave Blank) |
| (2) Tape Technical Characteristics | |
| 9 Track Tape | |

EBCDIC or ASCII Data Format (Designate on External Label).

Odd Parity

1600 BPI Density

ANSI Standard Labels

Value of ID Internal Header 1 = ISISINC__

80 Character Record Block 20

Double Tape Mark after trailer.

External Labels Indicating:

Title: ISIS Increment__

Submitting Activity: (As Applicable)

Data Format Used: (Either EBCDIC or ASCII)

MANAGEMENT LEVEL CODE (MLC) MATRIX

| SERVICE | NONCONSUMABLE | | OTHER (MLC U) | |
|--------------|--|---|---|---|
| | MAJOR END ITEM REPARABLE (MLC D) | CONSUMABLE (MLC E) | | |
| Army | "A: thru "H", "J" thru "N", "P", "Q" or "5" in 2nd posi- 2680 | "R" thru "Z" in 2nd position of DRN 2680 or "A", "D", or "L", in DRN 2892 | Other than "A", "D", or "L", in DRN 2892 or "2" in 3rd position of DRN 2680 | All Items which do not meet the criteria for MLC D, E, or R |
| Navy | "X" in DRN 2832 | "E", "G", "H", or "Q" in DRN 2832 | Other than "E", "G", "H", "Q", or "X" in DRN 2832 and "1", "5", or "9" or blank in the first position of DRN 2608 | Other than "E", "G", "H", "X" in DRN 2832 and "0", "2", "4", "6", or "8" in the first position of DRN 2608 |
| Air Force | "S" or "U" in DRN 2655 | "C", "L" or "T" in DRN 2655 | "N" or "P" in DRN 2655 | All items which do not meet the criteria for MLC MCL D, E, or R |
| Marine Corps | "3" in DRN 2959 or "E" in DRN 4126 | "D" or "L" in DRN 2891 | "A", "F", "H", "O" or "Z" in DRN 2891, other than "E" in DRN 4126 | All items which do not meet the criteria for MLC D, E, or R |

Figure 3-1. Management Level Code Matrix

3-7. Edit Validations.

Edit validations resulting in applicable Notification Codes will be performed by the AMIPS. The following are the data elements validated, the Notification Codes generated, and to which NSN, either Master and/or Related, the codes apply.

| Edit Validations | <u>Master NSN</u> | <u>Related NSN</u> |
|---|-----------------------|------------------------------|
| (1) MOE Rules - inconsistent and/or missing on Master/Related NSN. | AM,AO | AA,AB, AC,AM, AO,BA,BB |
| (2) NIIN Status Code - is other than Zero (0) | AL | AL |
| (3) FSCs - for the Master/Related NSN are unequal. | | AN |
| (4) Acquisition Advice Code - (AAC) "W" is recorded on other than the master item NSN. | | AY |
| (5) Acquisition Advice Code - of "T" is recorded on the master item or an AAC of N,V,or Y is recorded on the master item without an AAC of N, V,or Y being recorded on all the related item(s). | AR | |
| (6) Item Standardization Code - (ISC) other than 1,2,5,6, B or C is recorded on the master item. | AQ | |
| (7) No I&S Phrase Code - (E,F,G,H,J,S, 3 or 7) are recorded on the S/A submitted OOU I&S family groups. | AO | AO |
| (8) No OOU - data is recorded on the I&S phrase code (E,F,G,H,J,S, 3 or 7) generated family groups. | AP | AP |
| (9) A terminal phrase code (L,N,V or Z) is recorded on the master item. | AD | |
| (10) Invalid phrase code combinations are recorded on the master/related items. See DoD 4100.39-M, volume 10, chapter 1, table 96 for valid phrase code combinations. | AF | AF |
| (11) There are more than 50 items recorded in the I&S family groups. | AX | |
| (12) There are more than 26 items recorded in one (interchangeable) sub-groups. | AZ | |
| (13) Items that are identified in specific classifications are excluded from I&S family groups (e.g. Cryptologic and Nuclear items). | AJ | AJ |
| (14) Level of Authority (LOA) is other than 01,02,06,22 or 23. | AK | AK |
| (15) First position of the MOE Rule recorded on the NSN is other than A, F,M,N, or G. | AK | AK |
| (16) If the S/As have different master items but there is a predominant master item (Category D or F). | | AE |
| (17) If there is no predominant master item (Category E or G). | AG,AH | |
| (18) No recorded MOE Rule or I&S interest on the item (information notification). | AI | |
| (19) If no master item can be recommended, notification for a resolution conference will be output. | AU | |
| (20) No maintenance action required by S/A, Category Code A2, B2 or C2 (information notification). | AV | |
| (21) Your S/A has a recorded MOE Rule on the Related NSN, no conflicts are identified against this item. (information notification). | | OK |
| (22) Additional incompatibilities beyond four (4) output notifications exist. | XX | XX |

INPUT NOTIFICATION CODES

| | | DEFINITION | | |
|----|--|------------|------------------|--|
| | | | POSSIBLE ACTIONS | |
| AA | Reserved | | X | DELETE MDR FILE |
| AR | Reserved | | X | RECORD ON MASTER |
| AC | Prescribed | | X | DELETE RELATIONSHIP |
| AD | The master item NSN (cc 27-39) for this I&S family group has a terminal phrase code (L, N, V or Z) recorded. | | X | RECORD ON RELATED |
| AI | The master item NSN (cc 53-65) for which your activity (cc 8-9) is recorded with a valid MOE Rule, is not the predominant master item NSN for this I&S family group. | | X | DELETE RELATED |
| AT | The master item NSN (cc 27-39) and/or the related item NSN (cc 53-65) for this family group has an invalid I&S phrase code combination recorded. | | X | RECORD RELATIONSHIP |
| AC | The master item NSN (cc 53-65) for which your activity (cc 8-9) is recorded with a valid MOE Rule, is not the predominant master item NSN. (There is no predominant master item NSN for this I&S family group). The master item NSN for your family group has an Item Standardization Code (ISC) other than 1, B, 2, 3, 6 or C. However, there is another master item NSN (cc 27-39) recorded with an ISC of I or R, and is the recommended master item NSN. | | X | NONCONCUR-COLLABORATE WITH MGR OF RECOMMENDED MASTER |
| | | | X | RESOLUTION CONFERENCE |
| | | | X | RECORD RELATIONSHIP FROM YOUR RECOMMENDED MASTER |
| | | | X | MODIFY PHRASE CODE |
| | | | X | LOG REASSIGNMENT |
| | | | X | NO ACTION |
| | | | X | CHANGE ESC |
| | | | X | CHANGE STORN RELATIONSHIP |
| | | | X | CHANGE AAC |
| | | | X | REVIEW AMIDS PACKAGE FOR ADDITIONAL CORRECTIVE ACTIONS |

Figure 3-2. Output Notification Codes (Page 1 of 5)

Figure 3-2. (Page 2 of 5)

OUTPUT WITH IATLUS CODES

| | | DEFINITION | | | | | | | | | |
|------|-------------|---|----|----|----|----|----|----|----|--|-----------------|
| | | POSSIBLE ACTIONS | | | | | | | | | |
| | | OUTPUT WITH IATLUS CODES | | | | | | | | | |
| CODE | DESCRIPTION | AP | AQ | AR | AS | AT | AU | AV | AW | AX | AY |
| | | An I&S relationship is not reflected in the data call submission in the AMIPS System for your activity, (cc 8-9). However, your activity is recorded with a MOE Rule/Phrase Code for the master item NSN in cc 27-39 and/or the related item NSN(s) in cc 53-63, for this I&S family group. | | | | | | | | X | DELETE MOE RULE |
| | | The master item NSN (cc 27-39) for this I&S family group is recorded with an item Standardization Code (ISC) of J or E. | | | | | | | X | RECORD ON MASTER | |
| | | The master item NSN (cc 27-39) for this I&S family group is recorded with an Acquisition Advice Code (AAC) of T or the master item NSN (cc 27-39) is recorded with an AAC of N, V or Y without an AAC of N, V or Y on all related item NSNs (cc 53-63). | | | | | | | X | DELETE RELATIONSHIP | |
| | | | | | | | | | X | RECORD ON RELATED | |
| | | | | | | | | | X | DELETE RELATED | |
| | | | | | | | | | X | END RELATIONSHIP | |
| | | | | | | | | | X | NONCONTRIBUTE WITH MUL OF RECOMMENDED MASTER | |
| | | | | | | | | | X | RESOLUTION CONFERENCE | |
| | | | | | | | | | X | RECORD RELATIONSHIP FROM YOUR RECOMMENDED MASTER | |
| | | | | | | | | | X | MODIFY PHRASE CODES | |
| | | | | | | | | | X | LOG CLASSIFICATION | |
| | | | | | | | | | X | NO ACTION | |
| | | | | | | | | | X | CHANGE FSC | |
| | | | | | | | | | X | CHANGE STDRN RELATIONSHIP | |
| | | | | | | | | | X | CHANGE AAC | |
| | | | | | | | | | X | REVIEW AMIPS PACKAGE FOR ADDITIONAL CORRECTIVE ACTIONS | |

Figure 3-2.
(Page 3 of 5)

OUTPUT NOTIFICATION CODES

| CODE | DEFINITION | POSSIBLE ACTIONS | | | | | | | | | | | | | |
|------|--|------------------|------------------|---------------------|-------------------|----------------|---------------------|--|-----------------------|--|---------------------|------------------|-----------|------------|---------------------------|
| | | DELETE MOE RULE | RECORD ON MASTER | DELETE RELATIONSHIP | RECORD ON RELATED | DELETE RELATED | RECORD RELATIONSHIP | NONCONCUR-COLLABORATE WITH MCR OF RECOMMENDED MASTER | RESOLUTION CONFERENCE | RECORD RELATIONSHIP FROM YOUR RECOMMENDED MASTER | MODIFY PHRASE CODES | LOG REASSIGNMENT | NO ACTION | CHANGE FSC | CHANGE STDZN RELATIONSHIP |
| AW | Reserved | | | | | | | | | | | | | | |
| AX | This I&S family group has more than 50 related item NSNs recorded. All NSNs in the family will be output to the PICA and each recorded SICA. | | | | | | | | | | | | | | |
| AY | The related item NSN (cc 53-63) for this I&S family group is recorded with an Acquisition Advice Code (AAC) W. | | | | | | | | | | | | | | |
| AZ | Reserved | | | | | | | | | | | | | | |
| OK | Your activity has a recorded MOE Rule on this Related NSN. No conflicts are currently identified against this item. | | | | | | | | | | | | | | |
| XX | Additional incompatibilities exist for this NSN. See Output Notification Action Codes for possible conditions. | | | | | | | | | | | | | | |
| BA | The PICA MOE Rule recorded on the master NSN (cc 53-63) for this I&S family. | X | X | X | X | X | X | X | X | X | X | | | | |
| BB | The SICA recorded on the related NSN (cc 53-63) is different than the SICA recorded on the master NSN (cc 27-39) for your service. | X | X | X | X | X | X | X | X | X | X | | | | |

Figure 3-2.

(Page 4 of 5)

OUTPUT NOTIFICATIONS: CODES

| CODE | DEFINITION | POSSIBLE ACTIONS |
|------|------------|--|
| BC | | DELETE MOE RULE |
| BD | | RECORD ON MASTER |
| BE | | DELETE RELATIONSHIP |
| BF | | RECORD ON RELATED |
| | | DELETE RELATED |
| | | RECORD RELATIONSHIP |
| | | NONCONCUR-COLLABORATE WITH MGR OF RECOMMENDED MASTER |
| | | RESOLUTION CONFERENCE |
| | | RECORD RELATIONSHIP FROM YOUR RECOMMENDED MASTER |
| | | MODIFY PHRASE CODES |
| | | LOC REASSIGNMENT |
| | | NO ACTION |
| | | CHANGE FSC |
| | | CHANGE STDZN RELATIONSHIP |
| | | CHANGE AAC |
| | | REVIEW AMIPS PACKAGE FOR ADDITIONAL CORRECTIVE ACTIONS |

Figure 3-2.
(Page 5 of 5)

3-8. Listing of Output Notifications/Definitions/Processing Instructions.

Based upon the edit validations in paragraph 3-7 the notification codes shown in figure 3-2 will be provided. Multiple notification codes will follow each Master and Related NSN. Definitions and recommended processing instructions to be taken according to established cataloging procedures are identified for each notification code; however, other actions may also be required.

3-9. Output Notification Format and Sequence:

a. Output notifications will be provided in tape media to all PICAs/SICAs at the beginning of each AMIPS increment. This format will be pro-

vided to the Army, Navy, Air Force, Marine Corps and GSA in fixed length (80 column) format. DLA will be provided notifications in variable length format.

b. Interrogation results (segments A,B,C,E & H of the TIR) for each master and related item will also be provided. These KIR data wil be part of each output package and be sequenced the same as the family group.

c. Each I&S family package will contain a unique document control number. S/A recipient addresses will be provided to DLSC-FE(I&S) along with each data call submision. Samples of both the fixed and variable length notifications are shown as figures 3-3 and 3-4. The output formats are as follows:

FIXED OUTPUT FORMAT FOR AMIPS

POSITION

| | |
|-------|--|
| 1-3 | Document Identifier Code (RAA) |
| 4-6 | Package Sequence Number |
| 7 | Blank |
| 8-9 | Destination Activity Code |
| 10-11 | Blank |
| 12-16 | Date Transaction |
| 17-23 | Document Control Serial Number (First two cc will contain Category Code) |
| 24 | Blank |
| 25-26 | PICA of the Recommended Master (Activity Code) |
| 27-39 | Master NSN (Recommended) |
| 40 | Blank |
| 41-42 | Notification Code (Master Item) |
| 43 | Blank |
| 44-45 | Notification Code (Master Item) |
| 46 | Blank |
| 47-48 | Notification Code (Master Item) |
| 49 | Blank |
| 50-51 | Notification Code (Master Item) |
| 52 | Blank |
| 53-65 | Related NSN/Master NSN (S/A) |
| 66 | Blank |
| 67-68 | Notification Code (Related Item/Master) |
| 69 | Blank |
| 70-71 | Notification Code (Related Item/Master) |
| 72 | Blank |
| 73-74 | Notification Code (Related Item/Master) |
| 75 | Blank |
| 76-77 | Notification Code (Related Item/Master) |
| 78-80 | Blank |

The last Notification Code to be XX when more than four output notifications are identified, and the definition will state that multiple additional incompatibilities exist for the affected NSN.

VARIABLE OUTPUT FORMAT FOR AMIPSPOSITION

| | |
|-------|--|
| 1-3 | Document Identifier Code (RAA) |
| 4-6 | Package Sequence Number |
| 7 | Blank |
| 8-9 | Destination Activity Code |
| 10-11 | Blank |
| 12-16 | Date Transaction |
| 17-23 | Document Control Serial Number (first two cc will contain Category Code) |
| 24 | Blank |
| 25-26 | PICA of the Recommended Master (MOE Code) |
| 27-39 | Master NSN (Recommended) |
| 40 | Blank |
| 41-42 | Notification Code (Master Item) |
| 43 | Blank |
| 44-45 | Notification Code (Master Item) |
| 46 | Blank |
| 47-48 | Notification Code (Master Item) |
| 49 | Blank |
| 50-51 | Notification Code (XX) (Master Item) |
| 52 | Blank |
| 53-65 | Related NSN/Master NSN (S/A) |
| 66-67 | Notification Code (Related NSN/S/A Master NSN) |
| 68 | Blank |
| 69-70 | Notification Code (Related NSN/S/A Master NSN) |
| 71 | Blank |
| 72-73 | Notification Code (Related NSN/S/A Master NSN) |
| 74 | Blank |
| 75-76 | Notification Code (XX) (Related NSN/S/A Master NSN) |
| 77 | Blank |

The last Notification Code to be *XX* when more than four output notifications are identified, and the definition will state that multiple additional incompatibilities exist for the affected NSN. Positions 53-77 will be repeated as necessary for additional related NSNs and output notification codes.

SAMPLE: FIXED LENGTH RECORD

Figure 3-3. Fixed Length Record (Sample)

SAMPLE: VARIOUS LECTURE RECORDS

Figure 3-4. Variable Length Record (Sample)

3-10. Collaboration:

- a. Managing and using S/A will collaborate on all revisions to I&S family structures prior to the entry of revised I&S families in the DLSC TIR.
- b. When collaboration is required during AMIPS processing to determine the mutual S/A acceptability of a Master Item/Related Item I&S relationship using JLC Form 46, AMIPS System Collaboration Request. Use of this form is optional and blocks are self-explanatory. See Figure 3-5.
- c. When I&S family collaboration actions require written/formal documentation, they will be processed using JLC Form 47, DoD Interchangeable & Substitutable Family Collaboration Request. This form will be used to assure synchronized PICA/SICA actions especially needed when logistics reassignment of family group members is required. Supportive documentation, that is, DD Forms 1685, Data Exchange and/or Proposed Revision of Catalog Data, and/or JLC Forms 19, PICA/SICA Management Level Change and/or Reassignment Request, will be attached if appropriate. See Appendix D.
- d. No collaboration is required when managing or using S/A revise their I&S coding in an existing family without revising the structure of the family. Revisions to a family structure will be construed to occur only when:
 - (1) A new I&S family is established; or
 - (2) An existing I&S family is deleted; or
 - (3) A new master item is designated for an existing family; or
 - (4) A new related item is to be added to an existing family and there are recorded SICAs; or
 - (5) An existing related item is to be deleted or otherwise removed from an existing family with recorded SICAs.
- e. Concurrences obtained during the collaboration process will be regarded as sufficient justification to establish the proposed family structure in the DLSC TIR. Concurring S/A will be expected to subsequently assign I&S coding consistent with collaboration agreements.
- f. Nonconcurrences expressed during the collaboration process will be based only on technical determinations that proposed I&S relationships, which by definition are unconditional, are unsuitable in view of S/A applications for the items. Nonconcurrences may not be based on lack of Service retail interest or anticipated support difficulties. Nonconcurrences must be justified in all cases.
- g. Collaboration procedures and cataloging actions resulting from AMIPS processing will be in accordance with DoD 4100.39M, Volume 2, Chapter 2.

3-11. Resolution Conference Procedures:

- a. Resolution conferences will be established after ISIS review of the volume and range of the then applicable incremental output statistical data; however, conferences will be scheduled by no later than the end of the second month of each increment, and convened no later than the first week of the last month of each increment. They will be held at DLSC unless otherwise notified.
- b. The S/A will be notified of the I&S families requiring resolution action. The AMIPS generated output notifications, statistical data and microfiche products sent to all S/A with MOE Rules on any family member will aid in early planning for the resolution conferences.
- c. The S/A will designate as their conference representatives individuals with:
 - (1) Technical expertise on the items scheduled for resolution.
 - (2) Cataloging expertise to prepare necessary on-site DIDS transactions to align TIR records.
 - (3) Authority to make S/A level logistics management decisions.
- d. The responsibilities associated with resolution conferences participation are identified as follows:
 - (1) The I&S focal points will:
 - (a) Schedule resolution conferences and designate a chairman for each resolution conference.
 - (b) Establish resolution conference decision matrices/rationale for promoting consistency.
 - (c) Review the S/A documented rationale for nonconcurrence regarding resolution conference decisions for subsequent resolution, for submission to the JPCG/DIMM for resolution, or for higher level S/A elevation as per the provisions of DoD 4140.26-M whichever is appropriate.
 - (2) Service/Agency PICA/SICA activities will:

| AMIPS SYSTEM COLLABORATION REQUEST | | | |
|--|--|--|----------|
| 1 TO Commander/Attn: DCSC-SS Defense Construction Supply Center Columbus, OH 43215 | | 2 FROM AFLC/CASC-CBBBT Federal Center Battle Creek, MI 49016 | |
| NOTE: Under the provision of AFLCR 400-31/DARCOMR 700-30/NAVMATINST 4400.25/MCO 4410.24/DLAR 4140.66, the following actions are identified for review and collaboration. Applicable worksheets, technical data and other supportive data are attached. Complete this form and return to initiator. Collaboration procedures contained in DOD 4100-39M, Volume 2, Chapter 2, apply. | | | |
| 3 REFERENCED NSN 4520-00-720-0175 | | 4. RECOMMENDED MASTER NSN 4520-00-720-0175 | |
| | | <input checked="" type="checkbox"/> X | AGREE |
| | | <input type="checkbox"/> | DISAGREE |
| 5 JUSTIFICATION Generic master item under Military Specification MIL-H-4607. | | | |
| 6 ACTIONS TAKEN / PROPOSED | | | |
| 7 INITIATOR SYMBOL / AUTOVON EXTENSION DUANE HENDERSON/CBBBT/369-9263 | | 8. SIGNATURE OF APPROVING OFFICIAL  | |
| | | 9 DATE 6-27-84 | |
| 10 TO AFLC/CASC-CBBBT Federal Center Battle Creek, MI 49016 | | 11 FROM Commander/Attn: DCSC-SS Defense Construction Supply Center Columbus, OH 43215 | |
| 12 REFERENCED NSN 4520-00-720-0175 | | 13 RECOMMENDED MASTER NSN 4520-00-720-0175 | |
| | | <input checked="" type="checkbox"/> X | AGREE |
| | | <input type="checkbox"/> | DISAGREE |
| 14 JUSTIFICATION | | | |
| 15 ACTIONS TAKEN / PROPOSED Will adopt for use. | | | |
| 16 RESPONDER / SYMBOL / AUTOVON EXTENSION SAMUEL HULL/DEAD/442-2762 | | 17 SIGNATURE OF APPROVING OFFICIAL  | |
| | | 18. DATE 7-20-84 | |

JLC FORM 46
FERR4

Figure 3-5. JLC Form 46, AMIPS System Collaboration Request

(a) Prepare appropriate data packages to support challenges or assist in the resolution of PICA assignment or Master Item designations.

(b) Be responsible for appointing representatives to attend resolution conference.

(3) Resolution conference chairman will:

(a) Ensure that complete data packages are available for use in resolving conflicts.

(b) Ensure the results of the conference are provided to the I&S focal points.

(c) Resolve conflicts of conference determination whenever possible.

(d) Provide unresolved PICA assignments or master item designations to the I&S focal points for resolution, subsequent presentation to the JPCG/DIMM, or higher S/A elevation as per DoD 4140.26-M.

(e) As a minimum, the S/A conferees will be responsible for bringing the following data to the conference:

(1) Master Item determination data.

(2) Drawings, specifications or standards for each item in the I&S family.

(3) Current DLSC TIR interrogation results reflecting all segments on each item in the I&S.

(4) Supporting data on those nonconsumables previously identified to wholesale interservice supply support agreements (WISSAs) which are not recorded in DLSC files.

(5) Appropriate supportive documentation if the problem in question revolves around application of the item(s).

3-12. Incremental Processing and AMIPS Programming and Processing Schedule:

a. AMIPS will be processed on an incremental basis, outputting its first increment no later than 18 months prior to DoD I&S System implementation. Significant actions associated with the incremental output are identified in the following schedule:

AMIPS PROCESSING SCHEDULE

| Scheduled Date | Months Prior to DoD I&S Implementation | Significant AMIPS Actions |
|----------------|--|------------------------------|
| Dec 83 | 22 | First Data Call |
| Feb-Apr 84 | 20-18 | First Cycle Output |
| Sep 84 | 13 | Second Data Call |
| Oct 84 | 12 | First Resolution Conference |
| Nov 84 | 11 | Second Cycle Output |
| Apr 85 | 6 | Third Data Call |
| May 85 | 5 | Second Resolution Conference |
| Jun 85 | 4 | Third Cycle Output |
| Sep 85 | 1 | Third Resolution Conference |
| Oct 85 | 0 | DoD I&S Implementation |

b. The S/A ISIS representatives will review preprocessing statistical sizing data to determine the range of output data to be generated. Upon S/A agreement, the ISIS chairman will identify to DLSC's I&S contact point the categories and families to be output. If all S/A actions have been accomplished on the initially generated output notifications, a second batch of output notifications using the same data call will be identified to DLSC's I&S contact point for processing.

c. AMIPS will generate hard copy statistical data to S/A ISIS representatives prior to release of incremented output notifications. Using criteria developed from a consensus of the ISIS representatives and supplied to DLSC by the ISIS chairman, AMIPS will produce output notifications, along with matching statistical data to the S/A. The statistical summary format is as follows:

AMIPS NOTIFICATION STATISTICAL SUMMARY

| ACTIVITY | PICA OF MASTER | RELATED | SICA OR NOT RECORDED ON MASTER | TOTAL COUNTS OF OUTPUT NOTIFICATIONS |
|----------------|----------------|---------|--------------------------------|--------------------------------------|
| (a) | (b) | (c) | (d) | (e) |
| CL | XXX | XXX | XXX | XXX |
| CD | | | XXX | XXX |
| CA | | | XXX | XX |
| BD | XXX | XXX | XXX | XXX |
| BF | | | | |
| TOTAL (BY S/A) | XXX | XXX | XXX | XXX |

NOTES:

1. Column (a) data will be stratified by family group category by activity (A1, A2, B1, B2, C1, C2, D, E, F, & G).
2. Column (b) represents total number of master NSNs output when the corresponding activity is a PICA of the master item.
3. Column (c) represents the total number of related NSNs output when the corresponding activity is a PICA of the master item (column b).
4. Column (d) represents the total number related NSNs on which the corresponding activity has a recorded MOE Rule, but is either not recorded on the master item or is recorded as a SICA.
5. Column (e) represents total notifications for corresponding activities.
6. Each S/A will receive all S/A statistics. A grand total by all S/A will be prepared.

3-13. Statistical Products:

a. AMIPS will generate various statistical products to:

- (1) Plan/schedule S/A output notification workload output.
- (2) Evaluate the effectiveness of S/A corrective actions.

b. When no master item can be recommended the appropriate output notification will be sent to the applicable S/As stating that the I&S family must be subjected to a resolution conference in accordance with paragraph 3-11. DLSC will produce a listing/tape of those I&S families which require resolution conferences. This listing/tape will be sent to ISIS members for planning/scheduling purposes. The product will be in two parts; part 1 reflecting all families identified by a unique record number, and part 2 identify-

ing each NSN to its family record number and be sequenced by PICA activity code (primary) and NIIN (secondary). Statistics following part 2 will be formatted by S/A as follows:

- (1) Part 1 reflecting all families identified by a unique record/control number (e.g.)

| I&S Family Record/Control Number | I&S Family NSN |
|----------------------------------|----------------|
| 0000001 | NSN 1 |
| 0000001 | NSN 2 |
| 0000002 | NSN 3 |
| 0000002 | NSN 4 |
| 0000003 | NSN 5 |
| 0000003 | NSN 6 |
| 0000004 | NSN 8 |
| 0000004 | NSN 9 |

(2) Part 2 identifying each NSN to its family record/control number and be sequenced by PICA activity code (1st) and by NIIN (2nd), e.g., as follows:

| PICA | NSN | Record/Control Number |
|------|--------------------------------------|-----------------------|
| AX | 4730 00 000 0001 4730 00 000 0002 | 0000001 0000001 |
| AX | 2850 00 000 0008 2850 00 000 0009 | 0000004 0000004 |
| CL | 6130 00 000 0003 6130 00 000 0004 | 0000002 0000002 |
| CL | 5815 00 000 0005 5815 00 000 0006 | 0000003 0000003 |

(3) Statistics following part 2 will be formatted by S/A (activity code) as follows:

| Activity | Quantity of I&S Families * | Quantity of NSNs In I&S Families |
|----------------|----------------------------|----------------------------------|
| BD | XX | XXX |
| CL | XX | XXX |
| TOTAL ACTIVITY | XX | XXX |

* Activity is recorded as PICA on at least one NSN in the family.

3-14. Microfiche Products:

a. AMIPS will generate to each S/A ISIS representatives microfiche products consisting of the entire output data for each increment (output notifications/KIR data), as identified in

paragraph 3-9. However, the data will be spread across the microfiche frame to aid in viewing.

b. Samples of both the fixed and variable length record data microfiche products are shown as figures 3-6 and 3-7.

SAMPLE: FIXED LENGTH MICROCHIP

Figure 3-6. Fixed Length Microfiche (Sample)

SAMPLE: VARIANCE LENGTH MICROFICHE

Figure 3-7. Variable Length Microfiche (Sample)

Chapter 4

LOGISTICS OPERATIONS

4-1. General. The policies and procedures contained in this chapter will be used by S/A when making logistics determinations on items in or proposed for inclusion in I&S families. These policies and procedures apply to the technical/cataloging, supply related logistical functions and financial considerations, and should be used as a guide for future changes to appropriate DoD level manuals, directives, instructions, etc. I&S policies and procedures have been established in accordance with standard Nonconsumable Item Program and WIMM/SICC policies and procedures; exceptions from standard single Service policies have been necessitated by the nature of I&S item management.

a. Since logistics operations for different categories of materiel are governed by various DoD and JLC Directives, the guidance in this chapter makes pertinent distinctions, when necessary, among the following categories of materiel:

- (1) Consumables managed by a CIMM.
- (2) Consumables managed by a WIMM.
- (3) Nonconsumables managed by an LS PICA on a Phase I (that is, NIMSC 1, 2, 3, 4, 8 or 9) basis.
- (4) Nonconsumables managed by an LS PICA on a Phase II (that is, NIMSC 5) basis.
- (5) Nonconsumables managed by an LS PICA on a Phase II (that is, NIMSC 6) basis.

b. This regulation sets forth basic policy and procedures that will govern the I&S System until pertinent changes are incorporated in directives summarized in Appendix E.

4-2. Objectives. The guidance in this chapter governs the establishment, maintenance, and use of I&S families and is intended to serve the following logistics support objectives:

- a. Maintenance of consistent wholesale management assignments within I&S families.
- b. Optimum use of I&S materiel assets to satisfy customer requirements and S/A programs/projects.
- c. Uniform application of I&S information in logistics decisionmaking processes.

d. Progressive attrition of related item assets from S/A inventories.

e. Deletion/cancellation of related NSNs from active DoD inventory records as pertinent lines of application are deleted or demand activity ceases.

4-3. Collaboration:

a. Policy:

(1) Managing activities will collaborate with the using S/A on all new or revised I&S family structures prior to the entry of the I&S families in the DLSC Total Item Record (TIR) except those relationships coordinated through the DoD Standardization Program's item reduction study process.

(2) All I&S family collaboration actions will be processed using JLC Form 47, completed in accordance with Appendix D to this regulation.

(3) No S/A collaboration is required when managing or using S/A revise their I&S coding in an existing family without revising the structure of the family.

(4) Concurrences on I&S family structures obtained during the collaboration process will be sufficient justification to establish the proposed family structure in the DLSC TIR. Concurring S/A will subsequently assign their individual I&S data consistent with collaboration agreements.

(5) Nonconcurrences on I&S family structures expressed during the collaboration process will be based primarily on technical determinations that propose I&S relationships. Nonconcurrences must be justified in all cases.

(6) The provisions of this paragraph may require accommodation within a revised DoD 4130.2-M, Section 4 to allow for the effective operation of the DoD I&S System.

b. Procedures:

(1) A managing or using S/A which proposes to revise its I&S coding (that is, OOU codes, JTCs and/or phrase codes) on items in its respective family group need not collaborate such actions with other registered services/agencies. Such revisions will be initiated in accordance with paragraph 4-7.

provide the provisioning service with visibility of existing and pending I&S relationships.

(3) Provisioning initial requirements will be satisfied so as to reduce new DoD investment in materiel inventories by applying available assets of I&S items to emergent provisioning requirements on a technical/engineering basis.

(4) The provisions of this paragraph may require accommodation within a revised DoD 4100.42 to allow for the effective operation of the DoD I&S System.

b. Procedures:

(1) A service receiving responses to provisioning screening requests will review data on existing or pending I&S relationships and will determine which items in the existing or pending I&S family are applicable to the system or equipment being provisioned.

(a) Full consideration will be given to the potential use of related items in the family, as well as the master item.

(b) When it is determined that related items as well as the master item will satisfy anticipated provisioning requirements on a technical/engineering basis, the provisioning service will make preliminary determinations of the I&S relationships/I&S coding assignments which will be relevant to subsequent adoption of the items.

(2) When a service projects provisioning requirements on an item which will replace an existing bachelor item or family, or will necessitate restructuring of a family to establish appropriate I&S relationships, the provisioning service will collaborate with the registered users in accordance with the criteria in paragraph 4-3.

4-6. Item Adoption:

a. **Policy.** When a using S/A is registered on a related item in an I&S family, that S/A will be registered concurrently on the master item if master item registration is not recorded.

b. Procedures:

(1) S/A requesting adoption action will submit separate documentation on each family member being adopted.

(2) When submitting a user registration action on a related item, the managing S/A will submit concurrent user registration on the master item as well if master item registration is not

recorded for the using S/A. The managing S/A response to the adoption action request will advise the using S/A of the concurrent registration action.

(3) Initial and replenishment support quantities projected by applicable transaction will be reflected on the least preferred acceptable related item to promote maximum utilization of available assets. The managing S/A will record projections of initial or replenishment support quantities against the items on which the projections were made pending user assignment of I&S data to the items.

(4) S/A adopting a nonconsumable item(s) in a PICA-managed family will submit a separate NIMSR on each family member being adopted.

(a) When NIMSRs are submitted on more than one item in an I&S family, the related NIMSRs will be associated by identifying remarks in Block 29, JLC Form 17, Nonconsumable Item Material Support Request.

(b) NIMSR submission on multiple items in an I&S family will request the same level of support (that is, SICA NIMSC assignment) in Block 8, JLC Form 17.

(5) A CIMM/WIMM, upon receipt of a customer requisition from a nonregistered S/A, will submit user registration actions when automatic registration criteria are met.

(a) Notification provided to a requisitioning S/A incident to processing of a requisition on a nonregistered item will identify the requisitioned item. If the item is a related item in an I&S family and the requisitioning S/A is not registered on the master item, the notification will also identify the master item.

(b) A using S/A need not submit an SSR if automatic registration has occurred, the requisition was for a related item and the using service was previously registered on the master item.

(c) If the requisition was for the master item or if concurrent automatic registration has occurred, the using S/A will submit an SSR for the master item and for the related item, as appropriate.

(d) If requisitioning S/A specifications preclude automatic registration, an SSR will be submitted for the master item and/or the related item, as appropriate, in order to gain registration.

(6) Upon receipt of a customer requisition from a nonregistered service, the PICAs will not automatically register the requisitioning service.

(a) Irrespective of the supply action taken on the requisition, the PICAs will advise the customer to submit requisitions using its own service SICA.

(b) The PICAs will notify the requisitioner of the nonregistered item. If the item is a related item in an I&S family and the requisitioning service is not registered on the master item, the notification will also identify the master item.

(c) In response to PICAs notification of a requisition for a nonregistered nonconsumable item, the using service will submit an NIMSR for the master item or the related item, if registration is desired.

(7) When an item other than the master is requisitioned and user registration is to be accomplished on that item and the master, the managing S/A, at that time, must review the relationship which had previously been established without the requisitioning S/A collaboration.

4-7. Cataloging:

a. Policy:

(1) The wholesale manager of the family will be the single submitter/cataloger for all items in the family. Cataloging actions will be prepared and submitted in accordance with the procedures in DoD 4100.39-M and DoD 4130.2-M.

(a) Managing S/A will be responsible for collaboration of cataloging actions, including revisions to family structures, and for resolving collaboration conflicts prior to submission of cataloging revisions to DLSC.

(b) Using S/A will be responsible for assigning and maintaining S/A Catalog Management Data (CMD), including I&S data.

(c) I&S data transactions will be subject to appropriate effective date processing criteria.

(2) Managing S/A will be registered on all items in their respective I&S families, with consistent manager MOE Rules assigned. Using S/A will be registered only on those items in I&S families for which they have retail interest but must be registered on the master item if registered on any related items.

(a) Managing and using S/A will assign

I&S data to those I&S items in their respective I&S groups on which they have registration.

(b) WIMMs and LS PICAs will assign distinctive I&S data to those I&S items in which they have no retail interest.

(c) I&S data will conform to the specifications in paragraphs 2-5 through 2-8 of this regulation.

(3) Managing and using S/A will assign CMD which reflects consistent SOS within I&S family groups.

(4) Managing S/A will maintain visibility of the I&S data assignments of all S/A users within their respective data bases. Using S/A will maintain visibility of their own I&S determinations within their respective data bases.

(5) All services if possible will associate each item in I&S families with appropriate end item or next higher assembly information to facilitate the deletion of related items from I&S families as last lines of application are deleted. Such application information will be maintained in the respective service data bases.

b. Procedures:

(1) A managing S/A will establish an I&S family by assigning pertinent I&S data to items collaborated according to DIDS procedures.

(a) A managing S/A must ensure that all users of the related items are registered on the master item of the family. User registration may be accomplished concurrent with manager assignment of I&S data.

(b) A managing S/A will assign OOU codes to all items in the family in accordance with the specifications in paragraph 2-6 of this regulation. A WIMM or LS PICA will assign OOU code value ZZZ to those items in which it has no retail interest, and OOU code value XXX to the master item if it is the sole member of the family in which the managing service has retail interest.

(c) A managing S/A will assign JTC values as required to identify items which, based upon manager technical determinations/applications, have no I&S relationship with each other, but do have a common substitutable item. JTCs will be assigned in accordance with the specifications in paragraph 2-7 of this regulation.

(d) A managing S/A may develop I&S phrase codes based upon knowledgeable engineering decisions which are the translated

into manager-assigned OOU code values. I&S phrase codes will be assigned/generated in accordance with DoD 4100.39-M and the specifications in paragraph 2-8 of this regulation.

(e) A managing S/A may concurrently assign I&S and non-I&S cataloging data, subject to DIDS edit/validation criteria.

(2) DLSC will provide manager-assigned I&S data to each using S/A as a recommended I&S alignment of the family.

(a) The data provided to each using S/A will be tailored so as to provide recommended I&S coding only for those items on which the S/A has registration. No notification will be provided to a using S/A which has registration only on the master item of the family.

(b) DLSC will monitor using S/A responses to notifications and will provide follow-on notifications of delinquent responses in accordance with existing DIDS procedures.

(3) Each using S/A will respond to DLSC-provided notification by submitting its own S/A I&S data on items having respective S/A registration as applicable. A using S/A may assign OOU code values, JTC values or I&S phrase codes or may have such coding automatically assigned by DLSC in accordance with S/A specifications for DIDS assignment of I&S data. All I&S data will be assigned in accordance with the specifications in paragraph 2-6 through 2-8 of this regulation.

(4) DLSC will validate I&S data transactions and related data and provide notification of valid I&S data according to procedures contained in DoD 4100.39-M.

(5) Each managing or using S/A will maintain approved I&S data within its respective data base.

(6) Each managing/using service will associate each I&S item with application data in its respective data base to promote deletion of obsolete items from the respective family group and, ultimately, the family.

4-8. Pricing:

a. Policy:

(1) The PICA will establish and maintain the unit prices (standard prices and reduced standard prices) on all items within I&S families being managed.

(2) Standard prices for master items of I&S families will be based on current market or production costs, plus applicable surcharges as authorized by DODD 7200.7.

(3) The provisions of this paragraph may require accommodation within a revised DODI 7420.1, DODI 7230.7, DODI 7290.3-M and DOD 4000.19 to allow for the effective operation of the DoD I&S System.

b. Procedures:

(1) A managing S/A will establish and maintain standard prices for items in I&S families. Standard prices will be based on current acquisitions costs plus authorized surcharges, and will be subject to revision at intervals specified for standard price reviews.

(2) When materiel issues are made which, in accordance with DODD 4100.37, require reimbursement, a managing S/A will submit billing transactions based on the standard price of the item(s) issued. When issues are made against a family member which has a different standard price from the item originally requisitioned, notification of the financial adjustment will be furnished to all activities concerned.

(3) A using S/A will maintain standard price data on I&S items in its CMD and its own data base in accordance with the following criteria:

(a) On CIMM/WIMM managed items, the standard price will be assigned by the manager notwithstanding using S/A OOU code or subgroup content differences with that of the managing S/A.

(b) On PICA-managed items supported on a Phase I (NIMSC 1, 2, 3, 4, 7, 8 or 9) basis, the standard price will be assigned by the manager notwithstanding SICA I&S coding, unless SICA procurement costs incurred on MIPRs substantially differ from the standard price or SICA intraservice financial management technique permits an additional intraservice surcharge.

1. When SICA procurement costs (MIPR/Direct) appear to require a different standard price (standard or reduced standard) the SICA will submit a recommended price change. The PICA will review and either disapprove or establish a new standard price.

2. When intraservice surcharges are permitted, they will be applied consistently to the manager-assigned standard price on every item in the SICA service family group.

(c) For LS PICA managed items supported on a Phase II (NIMSC 5 or 6) basis, the standard price will be assigned by the manager. When surcharges are permitted, they will be applied consistently to the manager-assigned standard price on every item in the I&S family.

(4) Standard prices and changes thereto will be promulgated in accordance with DoD 4100.39-M.

4-9. Logistics Reassignments:

a. Policy:

(1) LR will be made as necessary to achieve consistent wholesale management assignments within I&S families.

(2) In accordance with existing procedures, LR actions on I&S items will be initiated by the gaining inventory manager.

(3) When wholesale management responsibilities for I&S families are transferred between S/A, LR actions on all members of the family will be subject to processing on the same Effective Transfer Date (ETD).

(4) With the exception of Phase I nonconsumable items (NIMSC 1, 2, 3, 4, 8 & 9) the losing S/A will maintain retail support capabilities while permitting the gaining S/A to assume wholesale support responsibilities without disruption to customer support. Asset transfers/decapitalization will be made on effective transfer date.

b. Procedures. The procedures in DOD 4140.22-M, chapter 6, AFLCR 400-21/DARCOMR 700-99/NAVMATINST 4790.23/MCO P4410.22, chapter 4 and DoD 4140.26-M will be applied, except as modified herein to accommodate the special circumstances which pertain to I&S families.

(1) The ETD for LR actions will be compatible with the effective date of all related actions required.

(a) A new family manager must be registered on all items in the family on or before the ETD.

(b) S/A SOS changes and I&S data changes must be effective on the ETD.

(2) During the pre-ETD period, the following procedures will apply:

(a) For consumable families, the Losing Inventory Manager (LIM) will provide the Gaining Inventory Manager (GIM) with supply con-

trol studies/stock status reports on each item in the I&S family on which the LIM has registration.

(b) For nonconsumable families to be supported on a Phase II basis, the LIM will provide the GIM with Requirements Data Exchange Cards (RDEC) and asset status information on each item in the I&S family on which the LIM has registration.

4-10. Item Standardization:

a. Policy:

(1) Standardization studies involving items in I&S families will consider, at a minimum, all the items in those families.

(2) Standardization decisions can supersede I&S data assignments of items within family structures. However, I&S data assignments will not contradict standardization coding assignments.

(3) Managing S/A will be responsible for restructuring I&S families to reflect standardization decisions.

(4) The provisions of this paragraph may require accommodation within a revised DoD 4120.3-M to allow for the effective operation of the DoD I&S System.

b. Procedures:

(1) A managing S/A will provide to using S/A all relevant information in its data base in order to facilitate standardization studies. Those studies involving items in I&S families will consider all the items in those families and, if time and item limitation constraints permit, similar or equivalent items outside the family.

(2) Based on standardization study recommendations and decisions, ISC assignments will be made which may supersede current I&S data assignments. In such cases, the managing S/A will be responsible for restructuring/realigning the family to reflect the updated standardization decision(s).

(3) A managing S/A will not be permitted to assign I&S data which designates a nonstandard item as the master item.

4-11. Configuration Management:

a. Policy:

(1) The managing Service will be the co-ordinating authority for configuration changes af-

fecting I&S families under its cognizance.

(2) The managing service will ensure that Engineering Change Proposals (ECP) Request for Waivers (RFW) and Request for Deviations (RFD) as defined in DoD-STD-480 are processed for concurrent review and approval/disapproval by the managing and using service. This can be accomplished through a Joint Services Configuration Control Board (JSCCB) if required.

(3) Modified configurations of items will be established as I&S replacements for prior bachelor item or master item configurations only when concurrence of the managing and using service is obtained. If concurrence is not obtained, modified items may be assigned NSNs and may be adopted by one or more concurring service without establishment of I&S relationships. Wholesale management assignments for the modified items and the prior configurations will be processed in accordance with paragraph 4-4.

(4) When necessary to sustain support of nonconcurring service requirements for the prior configuration, the PICAs wholesale support responsibilities will be internally divided and wholesale assets reallocated on an appropriate basis.

b. Procedures:

(1) A managing service will maintain configuration management records for I&S family items under its cognizance.

(2) A managing service will coordinate all actions incident to approval of configuration changes affecting an I&S family under its cognizance. A using service proposing or introducing a configuration change will provide all necessary information and data as required for ECPs by DoD-STD-480 to the manager of the I&S family for further coordination.

(3) A managing service will submit proposed configuration changes (ECPs) to the organization(s) in each service, as indicated in the Joint Configuration Management Plan, for review and approval.

(a) The managing and using service will process proposed configuration changes (ECPs) in accordance with their internal procedures or Configuration Management Plan for approval/disapproval in order to determine a service position with respect to the proposal.

(b) Each using service will provide its

respective position to the managing service in accordance with the Joint Configuration Management Plan for further action.

(c) If common agreement cannot be reached with respect to a proposed configuration change (ECP), the managing service will convene a JSCCB in accordance with the Joint CM Plan to resolve differences with respect to the ECP.

(d) Procuring activities should be advised of anticipated ECP disagreements to allow for them to make sufficient adjustments to acquisition leadtime to compensate for JSCCB actions.

(4) When the managing service and each using service are in agreement with respect to a proposed modification, the manager will initiate action, as required, to establish the modified item in the I&S family in accordance with the provisions of paragraphs 4-3 and 4-7. The managing service will be responsible for acquisition of required modification kits/materiel. Funding of required kits/materiel will be accomplished in accordance with chapter 8 of AFLCR 400-21/DARCOMR 700-99/NAVMATINST 4790.23/MCO P4410.22.

(5) When common agreement can not be reached with respect to a proposed change, the following procedures will apply:

(a) If the modified item will be other than the master item of an I&S family, the service managing the current bachelor item or family will be assigned as the manager of the modified item. Follow-on cataloging actions will be taken in accordance with paragraph 4-7. The managing service will be responsible for acquisition of required modification kits/materiel. Funding of required kits/materiel will be apportioned between/among those services opting for the modification.

(b) If the modified item is intended to be a replacement for the current bachelor item or family master, no I&S relationship with or to the modified item will be established in view of the existing nonconcurrence with respect to the modified item.

1. If the service managing the current bachelor item or family opts for the new item, that service will be assigned as the manager of the modified item in accordance with the provisions of paragraph 4-4.

2. If the manager will continue to have retail interest in the old bachelor or family item

configuration, existing manager/user relationships will be maintained on those items.

3. If the manager will not continue to have retail interest in the old bachelor or old family item configuration, that item and all related I&S items will be reassigned to using service which will retain retail interest. In the latter case, the LR action involved will reapportion wholesale assets so as to sustain wholesale supply support on the old configuration, while recognizing the requirement of the manager of the modified item to retain assets which can be modified to support projected demands for the modified item.

4. If the service managing the current bachelor item or family does not opt for the new item, an opting service will be assigned as the manager of the modified item in accordance with paragraph 4-4. The assigned manager of the modified item, based on its intent to continue or discontinue retail interest on the old bachelor or master item, may initiate LR action on existing bachelor item or family in accordance with the provisions of paragraph 4-4.

4-12. Requirements Computation:

a. Policy:

(1) Managing and using S/A will compute materiel requirements for items in I&S families in a manner which promotes optimum application of related item assets to requirements for the family.

(2) Managing S/A will compute wholesale materiel requirements on a subgroup basis considering the OOU and JTC values assigned by each using S/A.

(3) Managing S/A will roll-up lesser preferred subgroup materiel requirements to the master item subgroup for determining net requirements.

b. Procedures:

(1) A managing or using S/A will employ the computation methodologies/formulae of its respective S/A in the development of materiel requirements projections for I&S families. A managing S/A will apply its methodologies/formulae on a uniform basis to the requirements experience and projections for all using S/A.

(2) A managing S/A will compute wholesale materiel requirements by summing demand experience and projections by subgroup, consider-

ing the manager's assigned OOU Codes and JTC. For subgroups in which manager has no retail interest, the OOU Codes and JTC of the predominant using S/A will be considered.

(a) During the requirements computation process the PICA of an I&S family will consider all SICA's Orders of Use, since they may differ from the PICA's. Before finalizing a buy requirement, all materiel excesses created through PICA subgroup level computations should be examined to see if they may satisfy other using services requirements. This will establish a new buy requirement to be satisfied through acquisition of the PICA/SICA agreed upon procurable I&S family master item.

(b) Net materiel excesses within the I&S family will be identified by item for disposal or materiel returns processing.

(3) A using S/A will notify the managing S/A of significant deviations in projected materiel requirements by providing such notification on the most preferred item in each applicable subgroup, in increasing order of preference within its respective family group.

(4) On nonconsumable items supported on a Phase II (NIMSC 5 or 6) basis, annual RDECs submitted by a using S/A will be provided only for the most preferred item in each subgroup within the submitting S/A family group.

4-13. War Reserve:

a. Policy:

(1) Managing and using S/A will compute and subsequently manage war reserve requirements for items in I&S Families in a manner which both promotes optimum application of related item assets to the overall war reserve requirements of the family and assures that mobilization requirements and planning will be facilitated.

(2) The provisions of this paragraph may require accommodation within a revised DODD 4140.2, DODI 4140.21 and DODI 4140.47 to allow for the effective operation of the DoD I&S System.

b. Procedures. A managing or using S/A will employ the computation methodologies/formulae of its respective S/A in the development of war reserve materiel requirements for I&S families, but will coordinate with all users for their anticipated wartime usage. This is to assure that

adequate requirements will be available to all users during the initial surge caused by war.

4-14. Budgeting and Funding:

a. Policy:

(1) Managing S/A will budget and fund for wholesale requirements for I&S items with the exception of those coded NIMSC 1, 2, 3, 4, 8 or 9.

(a) Net acquisition deficiencies will be expressed on the master item of the family.

(b) Net repair deficiencies will be expressed on an item basis, considering the OOU values of the managing service.

(c) Inapplicable/excess assets will be identified on an item basis, considering requirements of the associated subgroup.

(2) Managing and using S/A will budget and fund for their respective retail requirements.

(a) Net acquisition deficiencies will be expressed on the master item of the family.

(b) Inapplicable/excess assets will be identified on an item basis, considering requirements of the associated subgroup in the respective S/A family group.

(3) The provisions of this paragraph may require accommodation within a revised DODI 4140.24 to allow for the effective operation of the DoD I&S System.

b. Procedures. Managing and using S/A will revise their respective stratification and budget submission processes to implement the above policies.

4-15. Requisition Processing:

a. Policy:

(1) The provisions of this paragraph apply to consumable items and NIMSC 5 nonconsumable items. Requisition processing policy for the balance of nonconsumable items is contained in AFLCR 400-21/DARCOM 700-99/NAVMATINST 4790.23/MCOP 4410.22.

(2) Requisitions for materiel will be prepared and submitted in accordance with MILSTRIP and DAAS procedures.

(3) In order to promote use of related item assets, managing and using S/A will promulgate requisitioning procedures which encourage field activities to requisition the least preferred accep-

table items within their respective S/A family group.

(4) Managing S/A will process using S/A requisitions in accordance with the recorded I&S data of the requisitioning service. Managing S/A will not issue or consider for issue to a requisitioning service materiel which is other than unconditionally acceptable without the approval or consent of the requisitioner.

(5) In order to progressively attrite related item assets, managing and using S/A will modify their requisition processing procedures to afford original issue consideration to the least preferred items within the subgroup of the item requisitioned.

(6) Managing S/A will modify their requisition processing procedures so as to record and maintain records of customer demand on the item requisitioned.

(7) The provisions of this paragraph may require accommodation within a revised DoD 4140.17-M to allow for the effective operation of the DoD I&S System.

b. Procedures:

(1) A managing S/A will record and maintain a history of demand on the item requisitioned and also identify that demand by requisitioning S/A.

(2) For nonconsumables supported on a Phase II (NIMSC 5 only) basis, a referring SICA ICP will forward field activity requisitions to the PICA citing the NSN originally requisitioned, irrespective of any intervening SICA consideration of more preferred items in its family group. NIMSC 6 requisitions will go directly to the PICA from the requisitioner.

(3) A managing S/A will process using S/A requisitions in accordance with the I&S data recorded for the requisitioning S/A.

(a) A managing S/A will afford original issue consideration to the least preferred item in the requisitioning S/A subgroup to which the item is assigned. Progressive issue consideration will be afforded in accordance with the OOU and JTC values assigned by the requisitioning S/A.

(b) Generic items will be afforded issue consideration in random sequence but must comply with established requisitioning S/A OOU/JTC codes.

(c) When requisitioner restrictive MILSTRIP advice coding (for example, Advice Code 2B) precludes issue consideration of other items in the family and the requisition is for an item other than the master item or a generic item, the managing S/A will reject the requisition if the requested item is neither available for issue nor procurable.

(d) When family assets, including the master item, are not available for issue, wholesale backorders will be established against the original item requisitioned in order to obtain full issue capability in subsequent backorder release processing.

(e) Appropriate MILSTRIP status notification will be provided in accordance with assigned Media and Status Codes and/or Distribution Codes when requisition processing results in an issue or a backorder against an item other than the item originally requisitioned.

4-16. Priority Application of Assets:

a. Policy:

(1) Managing S/A will satisfy requisitions for I&S items from available wholesale stocks without regard to the S/A affiliation of the requisitioning activity.

(2) Managing S/A will establish appropriate control levels and quantitative issue restrictions within I&S families.

(3) Managing S/A will apply maximum release quantity or other quantitative validations on an equal basis for all using S/A.

(4) The provisions of this paragraph may require accommodation within a revised DODD 4100.37 and DoD 4140.17-M to allow for the effective operation of the DoD I&S System.

b. Procedures:

(1) A managing S/A will process the requisitions of all S/A in accordance with UMMIPS Issue Priority Designators (IPD).

(a) Requisitions will be satisfied in the sequence specified by MILSTRIP.

(b) A managing service will consider the same depth(s) of wholesale assets for equivalent requisitions irrespective of requisitioning S/A.

(2) A managing S/A will compute and apply maximum release quantities or other quantitative validations, such as allowance checks, on an equal basis for all customers.

(a) Quantitative validations will be applied so as to avoid progressive partial rejections of customer requisitions when progressively preferred items in the family are considered for issue.

(b) Quantitative validation checks will be applied uniformly within a given subgroup; quantitative validation checks in different subgroups either may be applied uniformly or may be bypassed upon completion of the check on the item originally requisitioned, at the option of the managing S/A.

4-17. Critical Item Management:

a. Policy:

(1) Managing S/A will apply their respective S/A policies for designating I&S families as critical. Using S/A recommendations to designate a family as critical will be considered.

(2) Managing S/A may request extended asset visibility for critical I&S families from using S/A.

(3) Managing S/A will ensure that scarce wholesale assets of critical families are centrally controlled and are equitably apportioned among all using S/A.

(4) The provisions of this paragraph may require accommodation within a revised DODD 4100.37 to allow for the effective operation of the DoD I&S System.

b. Procedures:

(1) A managing S/A may designate a family as critical when family assets are in short supply or are expected to be in short supply for an extended period. The designation will be communicated to all using S/A.

(2) When unable to satisfy requisitions for items in a critical family, a managing S/A will offer assets to the ICP using service for review.

(a) Such offers may apply to items in less preferred subgroups than the item requisitioned or may apply to items which are considered as related items only by another using S/A.

(b) In no case will issues of such items be made without the approval of the requisitioning activity.

(3) When a managing S/A deems it advantageous to a critical supply situation, extended visibility of using S/A retail assets may be requested in accordance with the provisions of

DODI 4140.37.

(a) When the cited provisions are invoked, they may apply to all members of the I&S family.

(b) In order to assess the need for transaction versus cyclic visibility of using S/A assets, a composite item grouping designator will be established for the family.

(4) A managing S/A will restrict referrals against using S/A retail assets to other than routine requirements.

4-18. Repair Management:

a. Policy:

(1) Managing services will be responsible for providing or arranging depot level repair on all assigned I&S nonconsumables to the degree specified by the NIMSC. Depot repair of I&S items peculiar to using services will be performed in accordance with requiring service specifications.

(2) Managing/using S/A will compute depot level repair requirements on an item basis and will schedule repair on an item basis, dependent upon the availability of unserviceable assets. Repair requirements may be rolled up to subgroup level for planning purposes.

(3) Managing services will provide equal depot level repair schedule support for all requirements without regard to requiring service.

b. Procedures:

(1) Managing services will revise their respective repair scheduling procedures to implement the above policies.

(2) A using service receiving nonconsumable support on a Phase II basis will project RDEC unserviceable returns on an item basis to facilitate managing service repair workload forecasting.

4-19. Reclamation:

a. Policy:

(1) Managing S/A will be responsible for identifying and determining reclamation requirements for assigned I&S items.

(2) Reclamation requirements will be maintained and/or promulgated on save lists for programmed reclamation. Save lists will reflect all other acceptable I&S items which may be reclaimed as well.

(3) When managing S/S direct disposal of excess or uneconomically repairable assets, the owning S/A may reclaim required components and/or spare parts. Reclaimed assets of I&S items will be applied against using S/A requirements in accordance with paragraph 4-12.

(4) Managing S/A will be responsible for directing priority removal of required I&S items from end items owned by the managing S/A or stored at reclamation facilities.

(5) The provisions of this paragraph may require accommodation within a revised DoD 4160.21-M to allow for the effective operation of the DoD I&S System.

b. Procedures. Managing and using S/A will revise their respective reclamation procedures to implement the above policies.

4-20. Materiel Returns:

a. Policy. The provisions of this paragraph apply to consumable items and NIMSC 5 and 6 nonconsumable items.

(1) Excess reporting policy for the balance of nonconsumable items is contained in AFLCR 400-21/DARCOMR 700-99/NAVMATINST 4790.23/MCO P4410.22.

(2) Managing and using S/A will apply the materiel returns procedures in chapter 9 of DoD 4140.17-M, as amended by Approved MILSTRIP Change Letter (AMCL)98. The policies and procedures in this paragraph will be amplified upon promulgation of AMCL 98.

(3) Materiel returns policies will be further amended to address returns of related items and, in particular, those related items which are peculiar to using S/A; as follows:

(a) Managing S/A will direct returns of related items excessed or unserviceables based on a comparison of the wholesale AFAO/retention level to the asset position of the subgroup of the item being returned.

(b) Disposition requests applicable to AFAO of the subgroup will be established as creditable returns. Returns not received within a reasonable period will no longer be creditable.

(c) Excess returns applicable to the retention level of the subgroup will be accepted without credit to the shipper.

(d) Excess returns not applicable to the retention level of the subgroup will be directed to

disposal.

(e) The SICA will provide reimbursement to the PICA for assets issued. The nonconsumable item PICA will provide credit to the SICA for all unserviceable repairable assets received by the PICA when a replacement requisition has been submitted.

(f) Unserviceable excess NIMSC 5 items will be returned to the PICA in accordance with paragraph 9-2, AFLCR 400-21/DARCOMR 700-99/NAVMATINST 4790.23/MCOP 4410.12.

(4) The provisions of this paragraph may require accommodation within a revised DODD 4100.37 and DoD 4140.17-M to allow for the effective operation of the DoD I&S System.

b. **Procedures.** Managing and using S/A will implement the above policies upon their incorporation into MILSTRIP.

4-21. Billing and Credit:

a. Policy:

(1) Managing S/A will prepare and submit billings in accordance with DoD 4000.25-7M, DoD 4140.17-M and DODI 7420.12.

(2) Credits for unserviceable returns of nonconsumable NIMSC 5 items will be 65 percent of the standard price of the item returned.

b. **Procedures.** Managing and using S/A will modify their billing and credit procedures in order to implement the above policies.

4-22. International Logistics:

a. Military supply support of foreign countries in an environment of single S/A management is under review by a separate panel under the auspices of the JLCs. International logistics policies and procedures with respect to I&S families will be amplified in this paragraph upon promulgation of additional guidance from that source.

b. Managing S/A will attempt to satisfy Foreign Military Sales (FMS) requirements for related items in I&S families by issuing or procuring such items whenever possible. FMS issues of related items may be made without regard to normal asset level considerations in order to realize reimbursements which can be reinvested in more preferred items of supply.

c. Managing and using S/A which have only

FMS sponsor interest (for example LOA 96) MOE Rules assigned in I&S families are not required to assign I&S coding to those items. FMS MOE Rules may be assigned to related items of supply without regard to sponsoring S/A registration on the master item of the family.

4-23. Inactive Item Review:

a. Policy:

(1) Managing and using S/A will review I&S items on an item basis for withdrawal of retail interest or deletion based on either removal of last lines of application or on past and projected future inactivity. Inactivity will be measured in accordance with the provisions of DoD 4140.32-M.

(2) When a managing S/A I&S Master Item is identified for DIIP review, all related items will also be automatically referred for review. A master item will not be referred for review under the Defense Inactive Item Program (DIIP) if there is any demand on the related items. The demand on the related NSNs will ultimately be applied to the master item. Related items with assets will not be referred if there is demand on less preferred items for which the assets of the inactive related item may be issued. Related items identified as potentially inactive will be referred for DIIP review independently of the master item.

(3) The provisions of this paragraph may require accommodation with a revised DoD 4140.3-M to allow for effective operation of the DoD I&S System.

b. Procedures:

(1) A managing or using service will withdraw retail interest on I&S items as last lines of application are removed from the item.

(a) A managing service will withdraw retail interest from a related item by assigning OOU Code ZZZ/Phrase Code "U" but will continue to provide supply support to other using services.

(b) A managing service will not withdraw from a master item unless transfer of management responsibilities for the family to another using service is accomplished.

(c) When a using service withdraws from a related item peculiar to that service, the managing S/A will delete the item from the family.

(2) A managing or using service may withdraw retail interest on I&S items based on past and projected future inactivity. The provisions of paragraph 4-23b (1) apply to such withdrawals as well. A managing or using S/A will not withdraw from an I&S item solely based on inactivity if a less preferred I&S item is still active.

(3) A managing S/A may not delete an item of supply in an I&S family without the concurrence of all using services.

(4) A managing or using S/A will revise its I&S data assignments upon withdrawal of retailed interest from or deletion of an item in an I&S family.

4-24. Supply Effectiveness:

a. Policy:

(1) Managing S/A supply effectiveness for each supported service is identified and reported to all services in accordance with DoD 4000.23-M. The DoD MILSTEP OPRs will require formal tasking by the Office of the Secretary of Defense to determine the products necessary to most efficiently measure the impact on supply effectiveness derived from the assignment, promulgation and maintenance of I&S data.

(2) The provisions of this paragraph may require accommodation within a revised DoD 4000.23-M to allow for the effective operation of the DoD I&S System.

b. Procedures. Managing S/A will implement the approved policies upon their incorporation into MILSTEP.

APPENDIX A

ABBREVIATIONS

| | |
|-----------|--|
| AAC | Acquisition Advice Code |
| ADP | Automated Data Processing |
| AFAO | Approved Force Acquisition Objective |
| AMIPS | Automated Master Item and PICA Selector |
| CCB | Configuration Control Board |
| CIMM | Commodity Integrated Materiel Manager |
| CMD | Catalog Management Data |
| DAAS | Defense Automated Addressing System |
| DIDS | Defense Integrated Data System |
| DIIP | Defense Inactive Item Program |
| DLSC | Defense Logistics Services Center |
| DMI | Depot Maintenance Interservicing |
| DMISA | Depot Maintenance Interservice Support Agreement |
| DNA | Defense Nuclear Agency |
| DOD | Department of Defense |
| ECP | Engineering Change Proposal |
| ETD | Effective Transfer Date |
| FAR | Federal Acquisition Regulation |
| FSC | Federal Supply Class |
| FSG | Federal Supply Group |
| GIIC | Generic Item Indicator Code |
| GIM | Gaining Inventory Manager |
| I&S | Interchangeability and Substitutability |
| ICP | Inventory Control Point |
| IMC | Item Management Code |
| IMM | Integrated Materiel Management |
| IPD | Issue Priority Designator |
| ISC | Item Standardization Code |
| ISIS | Interchangeable & Substitutable Item Subgroup |
| JCAP-CG | Joint Conventional Ammunition Production-Coordinating Group |
| JCS | Joint Chiefs of Staff |
| JDMAG | Joint Depot Maintenance Analysis Group |
| JLC | Joint Logistics Commanders |
| JPCG/DIMM | Joint Policy Coordinating Group for Defense Integrated Materiel Management |
| JSCCB | Joint Services Configuration Control Board |
| JTC | Jump-To Code |
| LES | Local Engineering Specification |
| LIM | Losing Inventory Manager |
| LOA | Level of Authority |
| LR | Logistics Reassignment |
| LS | Lead Service |
| MILSTEP | Military Supply and Transportation Evaluation Procedures |
| MILSTRAP | Military Standard Reporting and Accounting Procedures |
| MILSTRIP | Military Standard Requisitioning and Issue Procedures |
| MIPR | Military Interdepartmental Purchase Request |
| MISMO | Maintenance Interservice Support Management Office |
| ML-C | Management List-Consolidated |
| MLC | Management Level Code |
| MOE | Major Organization Entity |
| MRP | Materiel Returns Program |

| | |
|-----------|---|
| NIMSC | Nonconsumable Item Materiel Support Code |
| NIMSR | Nonconsumable Item Materiel Support Request |
| NIP | Noneconsumable Item Program |
| NIS | Nonconsumable Item Subgroup |
| NMCS | Not Mission Capable, Supply |
| NRD | Non-Recurring Demand |
| NSA | National Security Agency |
| NSN | National Stock Number |
| OAWRR | Other Acquisition War Reserve Requirement |
| OAWRS | Other Acquisition War Reserve Stock |
| OOU | Order of Use |
| PICA | Primary Inventory Control Activity |
| PMCS | Partial Mission Capable, Supply |
| PWRR/PWRS | Prepositioned War Reserve Requirement/Prepositioned War Reserve Stock |
| QPL | Qualified Products List |
| RD | Recurring Demand |
| RDEC | Requirement Data Exchange Card |
| SCR | System Change Request |
| SICA | Secondary Inventory Control Activity |
| SICC | Service Item Control Center |
| SISMS | Standard Integrated Support Management System |
| SMCA | Single Manager Conventional Ammunition |
| SMR | Source, Maintenance, Recoverability |
| SOS | Source of Supply |
| S/A | Service/Agency |
| TIR | Total Item Record |
| UMMIPS | Uniform Materiel Movement and Issue Priority System |
| WIMM | Weapons Integrated Materiel Manager |

APPENDIX B

EXPLANATION OF TERMS

Approved Force Acquisition Objective (AFAO) - See DoD Directive 4100.37.

Bachelor Item - An item of supply which is neither interchangeable with nor substitutable for another item of supply.

Catalog Management Data (CMD) - The total range of information compiled and published in Management Data Lists including requisitioning, stock, and financial management and other management control data; and including various referenced relationships to other items, documents, or materiel management conditions.

Commodity Integrated Materiel Manager (CIMM) - The activity/agency designated to exercise Integrated Materiel Management for a Commodity oriented Federal Supply Classification Group/Class, commodity or item on a DOD and/or Civil Agency basis.

Consumable Item - An item that is normally expended or used up beyond recovery in the use for which it was designed or intended.

Defense Integrated Data System (DIDS) - An ADP System designed to provide a centralized data bank in support of the Department of Defense, Federal Civil Agencies, and foreign countries participating in the Integrated Logistics Support Program.

Depot Maintenance Interservice (DMI)/Joint Depot Maintenance Analysis Group (JDMAG) Focal Point/MISMO - Individual offices within HQ NMC, DARCOM, AFLC, AFSC and USMC responsible for management control and operation of the JLC's Depot Maintenance Interservice Program.

Depot Maintenance Interservice Support Agreement (DMISA) - An agreement whereby one service (the agent) accomplishes depot level maintenance work for another service (the principal).

Depot Reparable Component - An item of durable nature which, when unservicable, normally can be economically restored to a serviceable condition through regular repair procedures. An item which, when beyond the repair capability of lower level (organization/intermediate) maintenance, is returned to the depot who possesses more extensive repair facilities; condemnation and disposal normally not authorized below depot level. Requirement determination by the ICP considers projected unserviceable returns from using activities.

Family Structure - (See I&S Family Structure)

Generic Item - An item of supply which is procured under a Military, Federal or adopted industry specification/standard which applies equally to other items of supply. Generic items are assigned different NSNs for supply management purposes.

Generic Item Indicator Code (GIIC) - A single-digit numeric code used to denote that an NSN has a generic relationship with another NSN.

Generic NSN - An NSN which applies to a Military, Federal or adopted industry specification/standard and which is used to procure actual items of supply which meet the specification/standard. Assets are not stocked under a generic NSN.

I&S Coding Assignments - A series of codes assigned to document the I&S relationships between members of an I&S Family Group. The series consists of Order of Use codes, Jump-To codes and I&S Phrase codes.

I&S Family - An entity of items which possess physical and functional characteristics such as to provide comparable performance for a given requirement under given conditions. Also, the full range of items determined by the managing or using Services/Agencies to have unconditional interchangeable or substitutable relationships with each other and for which a common master item is a suitable substitute.

I&S Family Group - The range of items within an I&S family which is assigned to an individual Service/Agency for management or in which a using Service/Agency has retail interest.

I&S Family Structure - The range of items in an I&S family and with a given master item, as contrasted with the specific I&S relationships between/among the items included.

I&S Group - (See I&S Family Group)

I&S Phrase Codes - Those phrase codes which describe unconditional interchangeable or substitutable relationships. By definition, restricted to Phrase codes E, F, G, J, S, U, 3, and 7.

I&S Relationship - A relationship of unconditional interchangeability or substitutability between/among items of supply.

Inconsistent Item - An item which is managed by the Military Service in some combination of end items, depot repairable components, consumables and/or special management items.

Interchangeable Item - An item which possesses such functional and physical characteristics as to be equivalent in performance, reliability, and maintainability, to another item of similar or identical purposes; and is capable of being exchanged for the other item without selection for fit or performance, and without alteration of the items themselves or of adjoining items, except for adjustment.

Interchangeable & Substitutable Item Subgroup (ISIS) - A subgroup of the JPCG/DIMM chartered to develop criteria for and guide the implementation of a standard DoD I&S Information System.

Inventory Control Point (ICP) - An organizational unit within the Supply System of a Military Service/Defense Logistics Agency which is assigned the primary responsibility for the management of a group of items either within a particular Military Service or for the DoD as a whole. Responsibilities include computation of quantitative requirements; the authority to require acquisition, repair materiel, or initiate disposal; development of worldwide quantitative and monetary inventory data; and the positioning and repositioning of materiel.

Item Standardization Code (ISC) - The coding structure provided for assigning Standardization Status Codes that identify terms as either "authorized for acquisition" or "not authorized for acquisition."

Joint Policy Coordinating Group On Defense Integrated Materiel Management (JPCG/DIMM) - A policy coordinating group established by the Joint Logistics Commanders to serve as a communication link among the military logistics command to promote progress toward the objective of integrated management.

Jump-To Code (JTC) - A three-digit code used to note an exception to the normal, progressive I&S relationships which pertain within a family group. The presence and value of a Jump-To Code identifies items which have no I&S relationship with each other, but do have a common substitutable item in the family.

Level of Authority (LOA) - A code that identifies the LOA of a PICA or SICA. The code indicates (1) Logistics Materiel Management, (2) Level of Responsibility, and (3) Basis of Categorization.

Major Organizational Entity (MOE) Rule - A composition of various alpha numeric codes which, in addition to identifying the MOE, identifies the subcomponent responsible for designated materiel management functions and reflects the relationship between subcomponents of the MOE as it pertains to logistics support obtained or provided.

Maintenance Interservice Support Management Office (MISMO) - (See Depot Maintenance Interservice (DMI) Focal Point/MISMO)

Management Level Code (MLC) - A code assigned to an item to identify the management technique being applied by the using service. Code "D" indicates the item is managed by the service as an end item of equipment, Code "E" as a depot repairable component; Code "R" as a consumable; and Code "U" special technique is applied.

Master Item - The item in an I&S family which is commonly regarded by the managing and using Services/Agencies as a suitable substitute for all other items in the family and as the preferred item for acquisition purposes. Within a family headed by a generic subgroup, the generic NSN is always designated as the master item.

Nonconsumable Items - NSN items of supply which are major end items (principal and secondary), depot reparable components, special management, or inconsistent items.

Nonconsumable Item Materiel Support Codes - Codes assigned to nonconsumable items which indicate the degree of materiel support obtained by the SICA from the PICA or to identify the service or source(s) of repair.

Nonconsumable Item Subgroup - A working group comprised of Military Service representatives chartered by the JPCG/DIMM to develop materiel management procedures and systems in implementing the DoD direction to eliminate duplicate wholesale inventory management of nonconsumable items.

Non-I&S Relationship - A relationship between items of supply which involves other than unconditional interchangeability or substitutability.

Order of Use (OOU) Code - A three-digit code (composed of a two-digit subgroup code and a one-digit subgroup sequence code) which is assigned to I&S items in order to array the items in ascending order of preference.

Phrase Code (PC) - A one-character alphabetic or numeric code assigned to a series of phrases to denote changes or relationships between National Stock Numbers (NSNs) and information type data in the field entitled PHRASE STATEMENT/UNIT OF ISSUE/CONVERSION FACTOR.

Preferred Item - An item of supply which has functional or physical characteristics which render it a higher order of preference for use than that accorded to another similar item of supply.

Primary Inventory Control Activity (PICA) - The Service/Agency designated as the single activity responsible for providing materiel support on both consumable and nonconsumable items. The degree of materiel support is identified by the Level of Authority assigned.

Related Item - An item of supply which has functional or physical characteristics which render it a lower order of preference for use than that accorded to the master item of an I&S family.

Secondary Inventory Control Activity (SICA) - The Military Service(s) receiving both consumable and nonconsumable item materiel support from the PICA for selected logistics functions. The degree of materiel support is identified by the Level of Authority assigned.

Sequence Code - A single-digit code which specifies the ascending order of preference between/among interchangeable items within a subgroup.

Service Item Control Center (SICC) - The Service Materiel Manager which formerly performed the wholesale materiel management functions or the Service activity/activities which perform the residual materiel management functions or perform retail materiel management functions.

Subgroup - A range of items within a family group which are interchangeable with each other. Items which have no interchangeable relationship with any other item are the sole members of their subgroups. Items which are not interchangeable are assigned different subgroup code values.

Subgroup Code - A two-digit code which either relates interchangeable items or differentiates between items which are not interchangeable.

Substitutable Item - An item which possesses such functional and physical characteristics as to be capable of being exchanged for another only under specified conditions or for particular applications and without alteration of the items themselves or of adjoining items. This term is synonymous with the phrase "one way interchangeability", such as item B can be interchanged in all applications for item A, but item A cannot be used in all applications requiring item B.

Weapons Integrated Materiel Manager (WIMM) - The Military Service Inventory Control Point which performs the DoD integrated materiel management functions for assigned consumable items.

APPENDIX C

EXAMPLES OF I&S FAMILY STRUCTURE AND I&S CODING

This attachment provides illustrative examples of I&S family structures and I&S coding assignments. The examples are intended to portray typical I&S arrangements for reference and informational purposes. The examples are not intended to reflect actual NSN I&S relationships, nor are they intended to reflect mandatory I&S coding assignments except as specified in chapter 2 of this regulation.

The examples are sequenced so as to illustrate I&S family arrangements in progressive order and to illustrate I&S coding assignments in families with increasingly complex structures. Appropriate explanatory notes are provided with each example. The examples are grouped in series as follows:

Example 1: Output product format specifications.

Examples 2 through 6: I&S families with interchangeable items only.

Examples 7 through 11: I&S families with substitutable items only.

Examples 12 through 16: I&S families with interchangeable and substitutable items.

Examples 17 through 21: I&S families with generic master NSNs.

Examples 22 through 27: I&S families with interchangeable and substitutable items assigned JTCs.

Requests for inclusion of additional examples may be submitted in accordance with paragraph 1-8 of this regulation.

The following pages contain examples of output product format specifications.

Example 1 provides format specifications of I&S Family Record data which will be produced by DLSC in microfiche format on a quarterly basis. The I&S Family Record will be distributed to requesting cataloging activities for informal and reference purposes.

Example 1A provides format specifications for the inclusion of I&S coding data in Segment H of the DLSC TIR and the associated DoD I&S microfiche product produced by DLSC on a quarterly basis. Specifications for maintenance of Segment H data are provided throughout DoD 4100.39-M; Segment H data is provided in response to appropriate interrogations of the DLSC TIR. Specifications for publication and distribution of the DoD I&S microfiche product are provided in DoD 4100.39-M, Volume 15.

Example 1B provides specifications for I&S Family Cross-Reference data which will be produced by DLSC in microfiche format on a quarterly basis. The I&S Family Cross-Reference will be distributed to all ICPs/cataloging activities and serves as an index for I&S items to be used in conjunction with the I&S Family Record.

APPENDIX C-continued

EXAMPLE 1. FORMAT OF MICROFICHE I&S FAMILY RECORD.

| <u>1/ PICA</u> | <u>2/ MASTER NSN</u> | <u>3/ RELATED NSN</u> | <u>4/ ARMY OOU G JTC</u> | <u>AIR FORCE- MARINE OOU G JTC</u> | <u>NAVY OOU G JTC</u> | <u>CIVIL OOU G JTC</u> |
|---------------------|----------------------|-----------------------|--------------------------|------------------------------------|-----------------------|------------------------|
| * AA NNNN-NN-NNNNNN | NNNN-NN-NNNNNN | AAA N AAA | AAA N AAA | AAA N AAA | AAA N AAA | AAA N AAA |
| | NNNN-N-NNNNNN | AAA N AAA | AAA N AAA | AAA N AAA | AAA N AAA | AAA N AAA |

* Entries in this example prescribe data filed capacities and specifications. "A" denotes an alpha character position; "N" denotes a numeric character position.

NOTES: 1/ PICA. The cataloging activity code of the wholesale manager of the family will be entered in this column.

2/ MASTER NSN. The NSN of the master item of the family will be entered in this column.

3/ RELATED NSN. The NSNs of all items in the family, including the master item, will be entered in this column. The NSN of the master item will always be the last NSN entered. The full range of NSNs in column comprises the I&S family.

4/ ARMY/AIR FORCE/MARINE/NAVY/CIVIL. The respective Service/Agency Family groups will be identified in these columns. Items for which the applicable Service has either wholesale management responsibility or retail user interest will be identified by Service-assigned OOU coding.

5/ OOU. The Service/Agency-assigned OOU codes, as appropriate for each family item, will be entered in these columns. Specification for definitive and non-definitive OOU code assignments are provided in paragraph 2-6 of this regulation.

6/ G. Generic Item Indicator Code (GIIC) 7 will be entered in these columns when the master NSN is a generic NSN (i.e., AAC W is assigned). The GIIC (7) will be used in the I&S Publications and Segment F interrogation output to identify the Generic Master NSN in an I&S Family.

7/ JTC. The Service/Agency-assigned JTCs, as appropriate for each family item, will be entered in these columns. Specifications for JTC assignments are provided in paragraph 2-7 of this regulation.

APPENDIX C-continued
 EXAMPLE 1A. FORMAT OF I&S MICROFICHE/SEGMENT H WITH I&S DATA

| ACT | <u>1/ NSN</u> | <u>1/ S/A</u> | <u>1/ SIS</u> | <u>2/ PC</u> | <u>3/ REL/MASTER NSN</u> | <u>4/ OOU</u> | <u>5/ JTC</u> |
|-----|-------------------|---------------|---------------|--------------|--------------------------|---------------|---------------|
| * A | NNNN-NN-NNNN-NNNN | AA | AXX | X | NNNN-NN-NNN-NNNN | AAA | AAA |

- Entries in this example prescribe data field capacities and specifications. "A" denotes an alpha character position; "N" denotes a numeric character position; "X" denotes an alpha/numeric character position.

NOTES: 1/ A, NSN, S/A, SIS, etc. CIM data applicable to the NSN of record will continue to be entered in these columns. These columns have not been changed by DISC accommodation of I&S requirements.

- 2/ PC. The Phrase Code(s) assigned to the NSN of record will be entered in this column.
- 3/ REL/MASTER NSN. Consistent with the phrase code(s) assigned to the NSN of record, the associated related/master NSN(s) will be entered in this column.
- 4/ OOU. When the NSN of record is the master item of an I&S family, the OOU code assigned to each related NSN will be entered in this column.
- 5/ JTC. When the NSN of record is the master item of an I&S family, the JTC assigned to any related NSN will be entered in this column.

APPENDIX C-continued
 EXAMPLE 1B. FORMAT OF MICROFICHE I&S FASTLY CROSS-REFERENCE

| <u>1/</u> | <u>2/</u> | MASTER NSN | NSN | MASTER NSN |
|------------------|-----------|----------------|----------------|------------|
| * NNNN-NN-NNNNNN | | NNNN-NN-NNNNNN | NNNN-NN-NNNNNN | |

* Entries in this example prescribe data field capacities and specifications. "N" denotes a numeric character position.

NOTES: 1/ NSN. All NSNs in I&S families, whether related NSNs or master NSNs, will be entered in these columns in ascending NIIN sequence.

2/ MASTER NSN. Master NS's associated with the NS's in the first columns will be entered in these columns to provide the necessary master item cross-reference.

The following pages contain examples of I&S families with interchangeable items only. Each example provides a portrayal of an appropriate I&S family in I&S Family Record Format, and is followed by a portrayal of the same family in an abstract of ML-C/Segment H format which is tailored to reflect the inclusion of I&S data. The first family in this series of examples also is portrayed in I&S Family Cross-Reference format. Due to the relative simplicity of the cross-reference format, additional portrayals in that format are considered to be unnecessary for this series of examples.

The examples in this series are as follows:

Example 2. Single-used I&S Family.

Example 3. Multi-used I&S Family with Identical Related Items and Identical Orders of Use.

Example 4. Multi-used I&S Family with Identical Related Items, but Different Orders of Use.

Example 5. Multi-used I&S Family with Different Related Items Peculiar to the Managing Service.

Example 6. Multi-used I&S Family with Different Related Items Peculiar to the Using Service.

APPENDIX C-continued

EXAMPLE 2. SINGLE-USED I&S FAMILY OF INTERCHANGEABLES (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY 001 G JTC | AIR FORCE 001 G JTC | MARINE 001 G JTC | NAVY 001 G JTC | CIMM 001 G JTC |
|------|-----------------|-----------------|--------------------|------------------------|---------------------|-------------------|-------------------|
| CL | 4930-00-4423593 | 4930-00-7428196 | AAA | | | | |
| | | | 1/ 4930-00-5488570 | 2/ AAB | | | |
| | | | | 4930-00-4423593 | AAC | 3/ | 3/ |
| | | | | | | | |

NOTES: 1/ The family consists of three (3) items: a master item and two (2) related items.

2/ Interchangeability is noted by the same subgroup code value (i.e. AA) on all three (3) items. Increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A, B and C).

3/ The omission of 001 codes for other Services indicates that those Services either have no retail interest in the family or manage the master item as a bachelor item.

APPENDIX C-continued

EXAMPLE 2A. SINGLE-USED I&S FAMILY OF INTERCHANGEABLES (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | 00U | JTC |
|-----------|------------------|-----|-----|-------------------------------------|--|-------------------|-----|
| <u>1/</u> | 4930-00-442-3593 | DA | B16 | <u>2/</u> <u>3/</u> <u>3/</u> | 4930-00-442-3593 4930-00-548-8570 4930-00-742-8186 | AAC AAB AAA | |
| | 4930-00-548-8570 | DA | B16 | <u>4/</u> <u>E</u> | 4930-00-442-3593 | | |
| | 4930-00-742-8186 | DA | B16 | <u>5/</u> <u>E</u> | 4930-00-442-3593 | | |

NOTES: 1/ NSNs of record appear in NIIN sequence.

- 2/ When the NSN of record is the master NSN, the NSN is repeated without an associated I&S phrase code in order to reflect the 00U code value assigned to the master item.
- 3/ When the NSN of record is the master NSN, the reciprocal I&S phrase codes to the related NSNs are reflected in conjunction with the related NSNs and their respective 00U code values.
- 4/ When the NSN of record is a related NSN, the forward I&S phrase code to the master NSN is reflected in conjunction with the master NSN. No 00U code values are reflected on the related NSN record.

APPENDIX C-continued

EXAMPLE 2B. RELATED NSN TO MASTER NSN CROSS-REFERENCE (I&S FAMILY CROSS-REFERENCE FORMAT)

| NSN | MASTER NSN | NSN | MASTER NSN |
|---------------------------|-----------------|-----|------------|
| <u>1/</u> 4930-00-4423593 | 4930-00-4423593 | | |
| 4930-00-5488570 | 4930-00-4423593 | | |
| 4930-00-7428186 | 4930-00-4423593 | | |

NOTES: 1/ Each interchangeable NSN in the I&S family, including the master NSN, will be reflected in ascending NIN sequence.

APPENDIX C-continued

EXAMPLE 3. MULTI-USED I&S FAMILY OF INTERCHANGEABLES WITH IDENTICAL RELATED ITEMS AND IDENTICAL ORDERS OF USE (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY 001 G JTC | AIR FORCE 001 G JTC | MARINE 001 G JTC | NAVY 001 G JTC | CIMM 001 G JTC |
|------|-----------------|---------------------------|-------------------|------------------------|---------------------|-------------------|-------------------|
| BF | 4930-00-4423593 | 4930-00-7428186 | AAA | | | AAA | |
| | | <u>1/</u> 4930-00-5488570 | <u>2/</u> AAB | | | <u>3/</u> AAB | |
| | | 4930-00-4423593 | AAC | <u>4/</u> | AAC | <u>4/</u> | |

- NOTES:
- 1/** The family consists of three (3) items: a master item and two (2) related items.
 - 2/** Interchangeability in the Army's (manager) family group is noted by the same subgroup code value (i.e. AA) on all three (3) items. Increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A, B and C).
 - 3/** Interchangeability in the Marine Corps' (user) family group is also noted by the same subgroup code value (i.e. AA) on all three (3) items. Increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A, B and C).
 - 4/** The omission of 00U codes for other Services indicated that those Services either have no retail interest in the family or manage the master item as a bachelor item.

APPENDIX C-continued

EXAMPLE 3A. MULTI-USED I&S FAMILY OF INTERCHANGEABLES WITH IDENTICAL RELATED ITEMS AND IDENTICAL ORDERS OF USE (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OOU | JTC |
|-----------|------------------|--------------|---------------|----|------------------|-----|-----|
| | 4930-00-442-3593 | DA | B14 | | 4930-00-442-3593 | | AAC |
| <u>1/</u> | 4930-00-442-3593 | DM | <u>2/</u> MPB | E | 4930-00-548-8570 | AAB | AAA |
| | 4930-00-442-3593 | <u>3/</u> DN | N32 | | 4930-00-442-3593 | | AAC |
| | 4930-00-548-8570 | DA | B14 | E | 4930-00-442-3593 | | AAB |
| | 4930-00-548-8570 | DM | <u>2/</u> MPB | E | 4930-00-442-3593 | | AAA |
| | 4930-00-742-8186 | DA | B14 | E | 4930-00-442-3593 | | AAC |
| | 4930-00-742-8186 | DM | <u>2/</u> MPB | E | 4930-00-442-3593 | | AAA |

NOTES: 1/ Separate NSN records are reflected for each managing/using Service/Agency. Phrase code and OOU code data applicable to each Service/Agency appears with the respective Service/Agency record. Field activities in each Service normally should refer only to their respective Service records when preparing/submitting requisitions.

2/ The entry of a Marine Corps SOS on the Marine Corps record indicates that the master item/family is managed on other than a consistent Inter-Service/Agency consumable basis. Master items/families managed as consistent consumables are subject to Integrated Material Management (IMM) and direct retail requisitioning from the IMM SOS. Accordingly, for IMM items, the managing Service/agency SOS would be reflected as the SOS on all using Service records.

3/ If the Navy uses the master item as a bachelor item, its record would be reflected in proper NIIN sequence, but without any associated I65 phrase code or OOU code.

APPENDIX C-continued

EXAMPLE 4. MULTI-USED I&S FAMILY OF INTERCHANGEABLES WITH IDENTICAL RELATED ITEMS BUT DIFFERENT ORDERS OF USE (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY | AIR FORCE | MARINE | NAVY | CINCM |
|------|-----------------|--------------------|-----------|-----------|-----------|-----------|-----------|
| | | 001 G JTC | 001 G JTC | 001 G JTC | 001 G JTC | 001 G JTC | 001 G JTC |
| K2 | 4930-00-4423593 | 4930-00-7428186 | | AA8 | | | AAA |
| | | 1/ 4930-00-5488570 | | 3/ AAA | | | 2/ AAB |
| | | | | | | | |
| | | 4930-00-4423593 | 4/ | AAC | 4/ | 4/ | AAC |
| | | | | | | | |

NOTES: 1/ The family consists of three (3) items: a master item and two (2) related items.

2/ Interchangeability in the CINCM's (manager) family group is noted by the same subgroup code value (i.e. AA) on all three (3) items. Increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A, B and C).

3/ Interchangeability in the Air Force's (user) family group is also noted by the same subgroup code value (i.e. AA) on all three (3) items. Although increasing order of preference within the subgroup is noted by ascending sequence code values (i.e. A, B and C), the order of use/preference differs from the manager's recommended 001 sequence. The master item, however, is commonly regarded as such. In such cases, the Air Force 001 code values will be observed when the manager makes logistics decisions for Air Force requirements (e.g. assets will be considered for issue against Air Force requisitions in the sequence specified by the Air Force 001 code values).

4/ The omission of 001 codes for other Services indicates that those Services either have no retail interest in the family or manage the master item as a bachelor item.

APPENDIX C-continued

EXAMPLE 4A. MULTI-USED I&S FAMILY OF INTERCHANGEABLES WITH IDENTICAL RELATED ITEMS BUT ORDERS OF USE (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | 00U | JTC |
|------------------|-----|---------------|-----|-------------|------------------|-----|-----|
| 4930-00-442-3593 | DS | S91 | | C | 4930-00-442-3593 | AAC | |
| | | | | C | 4930-00-348-8570 | AAB | |
| 4930-00-442-3593 | DF | <u>1/</u> S91 | | C | 4930-00-742-8186 | AAA | |
| | | | | 2/ C | 4930-00-442-3593 | AAC | |
| | | | | <u>2/</u> C | 4930-00-742-8186 | AAB | |
| | | | | | 4930-00-348-8570 | AAA | |
| 4930-00-348-8570 | DS | S91 | | E | 4930-00-442-3593 | | |
| 4930-00-348-8570 | DF | <u>1/</u> S91 | | E | 4930-00-442-3593 | | |
| 4910-00-742-8186 | DS | S91 | | E | 4910-00-442-3593 | | |
| 4930-00-742-8186 | DF | <u>1/</u> S91 | | E | 4910-00-442-3593 | | |

NOTES: 1/ The entry of a CIMM SOS on the Air Force record indicates that the master item/family is managed on a consistent inter-service/agency consumable basis. Master items/families managed as consistent consumables are subject to Integrated Material Management (IMM) and direct retail requisitioning from the IMM SOS. Accordingly, for IMM items, the managing Service/Agency SOS would be reflected as the SOS on all using Service records.

2/ The Air Force record on the master NSN reflects an order of use/preference within the Air Force which differs from the 00U code values assigned by the manager of the family.

APPENDIX C-continued

EXAMPLE 5. MULTI-USED I&S FAMILY OF INTERCHANGEABLES WITH DIFFERENT RELATED ITEMS PECULIAR TO THE MANAGING SERVICE (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY 0011 G JTC | AIR FORCE 00U G JTC | MARINE 00U G JTC | NAVY 00U G JTC | CIMM 00U G JTC |
|------|-----------------|---------------------------|--------------------|------------------------|---------------------|-------------------|-------------------|
| SE | 4930-00-4423593 | 4930-00-7428186 | | AAA | | AAA | |
| | | <u>1/</u> 4930-00-5488570 | | <u>2/</u> AAB | | <u>3/</u> | |
| | | 4930-00-4423593 | <u>4/</u> | AAC | <u>4/</u> | AAB | |

NOTES: 1/ The family consists of three (3) items: a master item and two (2) related items.

- 2/ Interchangeability in the Air Force's (manager) family group is noted by the same subgroup code value (i.e. AA) on all three (3) items. Increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A, B and C).
- 3/ Interchangeability in the Navy's (user) family group is also noted by the same subgroup code value (i.e. AA) on both items on which the Navy is registered. Although increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A and B), no order of use/preference is established for the second item in the family, on which the Navy does not have registration. The master item is commonly regarded as such. In such cases, the Navy OOU code values will be observed when the manager makes logistics decisions for Navy requirements (e.g. assets of the second item will not be issued against Navy requisitions without user approval; unserviceable assets of the second item will not be repaired against projected Navy requirements for the other two (2) items).

- 4/ The omission of OOU codes for other Services indicates that those Services either have no interest in the family or manage the master item as a bachelor item.

APPENDIX C-continued

EXAMPLE 5A. MULTI-USED I&S FAMILY OF INTERCHANGEABLES WITH DIFFERENT RELATED ITEMS PECULIAR
TO THE MANAGING SERVICE (I&S MICROFICHE/SEGMENT H)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OOV | JTC |
|-----|------------------|-----------|-----|-----------|------------------|-----|-----|
| | 4930-00-442-3593 | DF | FPZ | C | 4930-00-442-3593 | AAC | |
| | 4930-00-442-3593 | DN | N32 | C | 4930-00-548-8570 | AAB | |
| | | | | <u>1/</u> | 4930-00-742-8186 | AAA | |
| | | | | | 4930-00-442-3593 | AAB | |
| | | | | | 4930-00-742-8186 | AAA | |
| | 4930-00-548-8570 | DF | FPZ | E | 4930-00-442-3593 | | |
| | | <u>2/</u> | | | | | |
| | 4930-00-742-8186 | DF | FPZ | E | 4930-00-442-3593 | | |
| | 4930-00-742-8186 | DN | N32 | E | 4930-00-442-3593 | | |

NOTES: 1/ In the Navy record for the master NSN, the omission of related NSN 4930-00-548-8570 indicates that the Navy does not have registration on that item.

2/ Since the Navy does not have registration on NSN 4930-00-548-8570, no Navy record is reflected on that NSN.

APPENDIX C--continued

EXAMPLE 6. MULTI-USING I&S FAMILY OF INTERCHANGEABLES WITH DIFFERENT RELATED ITEMS PECULIAR TO A USING SERVICE (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY | AIR FORCE | MARINE | NAVY | CIMM |
|------|-----------------|--------------------|-----------|-----------|-----------|-----------|-----------|
| | | | 00U G JTC |
| HD | 4930-00-4421593 | 4930-00-7428186 | AAA | | | ZZZ | |
| | | 1/ 4930-00-5488570 | 3/ AAB | | | 2/ AAA | |

| PICA | MASTER NSN | RELATED NSN | ARMY | AIR FORCE | MARINE | NAVY | CIMM |
|------|------------|-----------------|-----------|-----------|-----------|-----------|-----------|
| | | | 00U G JTC |
| | | 4930-00-4423593 | AAC | 4/ | | AAB | |
| | | | | | | 5/ | |

NOTES: 1/ The family consists of three (3) items: a master item and two (2) related items.

2/ The Navy's (manager) assignment of 00U code ZZZ to the first item in the family indicates that the Navy does not have retail interest in the item, but does support an other Service (i.e. the Army) on the item. The item is included in the manager's family group in order to maintain a consistent wholesale management assignment for the family. Interchangeability on the last two (2) items is noted by the same subgroup code value (i.e. AA) on both items. Increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A and B).

3/ Interchangeability in the Army's (user) family group is noted by the same subgroup code value (i.e. AA) on all three (3) items. Increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A, B and C). The Army 00U code value on the first item will be observed when the manager makes logistics decisions for Army requirements (e.g. assets of the first item will be issued against Army requisitions; unserviceable assets of the first item will be repaired against projected Army requirements for the family).

4/ The omission of 00U codes for other Services indicates that those Services either have no retail interest in the family or manage the master item as a bachelor item.

5/ If the Navy (manager) has no retail interest in either the first or second items in the family, both of those items would be assigned 00U code ZZZ and the master item would be assigned 00U code XXX to note that the Navy manages the master item as a bachelor item for Navy retail requirements. Navy responsibilities for support of Army requirements would continue to observe Army 00U code assignments.

APPENDIX C-continued

EXAMPLE 6A. MULTI-USED I&S FAMILY OF INTERCHANGEABLES WITH DIFFERENT RELATED ITEMS PECULIAR
TO A USING SERVICE (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OOU | JTC |
|-----|------------------|-----|-----|------|------------------|-----|-----|
| | 4930-00-442-3593 | DA | B14 | C | 4930-00-442-3593 | AAC | |
| | | | | C | 4930-00-548-8570 | AAB | |
| | 4930-00-442-3593 | DN | N35 | C | 4930-00-742-8186 | AAA | |
| | | | | G | 4930-00-442-3593 | AAB | |
| | | | | 1/ | 4930-00-548-8570 | AAA | |
| | | | | | 4930-00-742-8186 | ZZZ | |
| | 4930-00-548-8570 | DA | B14 | F | 4930-00-442-3593 | | |
| | 4930-00-548-8570 | DN | N35 | E | 4930-00-442-3593 | | |
| | 4930-00-742-8186 | DA | B16 | E | 4930-00-442-3593 | | |
| | 4930-00-742-8186 | DN | N35 | 2/ U | 4930-00-442-3593 | | |

NOTES: 1/ In the Navy record for the master NSN, the assignment of OOU code ZZZ to related NSN 4930-00-742-8186 indicates that the Navy has no retail interest in the item, but as manager of the I&S family does support an other Service (i.e. the Army) on the item.

- 2/ In the Navy record for related NSN 4930-00-742-8186, Phrase Code U is assigned in order to advise Navy field activities that the Navy has no retail interest in the item.

The following pages contain examples of I&S families with substitutable items only. Each example provides a portrayal of an appropriate I&S family in I&S Family Record Format, and is followed by a portrayal of the same family in an abstract of ML-C/Segment H format which is tailored to reflect the inclusion of I&S data. The first family in this series of examples also is portrayed in I&S Family Cross-Reference format. Due to the relative simplicity of the cross-reference format, additional portrayals in that format are considered to be unnecessary for this series of examples.

The examples in this series are as follows:

- Example 7. Single-used I&S Family.
- Example 8. Multi-used I&S Family with Identical Related Items and Identical Orders of Use.
- Example 9. Multi-used I&S Family with Identical Related Items, but Different Orders of Use.
- Example 10. Multi-used I&S Family with Different Related Items Peculiar to the Managing Service.

Example 11. Multi-used I&S Family with Different Related Items Peculiar to a Using Service.

APPENDIX C-continued

EXAMPLE 7. SINGLE-USED IKS FAMILY OF SUBSTITUTABLES (IKS FAMILY RECORD REPORT)

| PICA | MASTER NSN | RELATED NSN | ARMY | AIR FORCE | MARINE | NAVY | CIVIL |
|------|-----------------|-----------------|--------------------|-----------|-----------|-----------|-----------|
| | | | 001 G JTC | 001 G JTC | 001 G JTC | 001 G JTC | 001 G JTC |
| SX | 4930-00-4423593 | 4930-00-3696864 | | | AAA | | |
| | | | 1/ 4910-00-4606415 | 2/ ARA | | | |
| | | | 4910-00-4423593 | 3/ | AFA | 1/ | 1/ |

NOTES: 1/ The family consists of three (1) items: a master item and two (2) related items.

2/ Substitutability is noted by the different subgroup code values (i.e. AA, 13 and AC) assigned to the items. Increasing order of preference is noted by the ascending subgroup code values.

3/ The omission of all codes for other services indicates that those services either have no retail interest in the family or manage the master item as a bachelor item.

APPENDIX C-continued
EXAMPLE 7A. SINGLE-USED I&S FAMILY OF SUBSTITUTABLES (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OOU | JTC |
|-----------|------------------|-----|-----|-------------|------------------|-----|-----|
| <u>1/</u> | 4930-00-369-6864 | DF | PH2 | <u>4/</u> F | 4930-00-442-3593 | | |
| | 4930-00-442-3593 | DF | PH2 | <u>2/</u> 1 | 4930-00-442-3593 | ACA | |
| | | | | <u>3/</u> 1 | 4930-00-460-6415 | ABA | |
| | | | | <u>3/</u> 1 | 4930-00-369-6864 | AAA | |
| | 4930-00-460-6415 | DF | PH2 | <u>4/</u> F | 4930-00-442-3593 | | |

- NOTES:**
- 1/ NSNs of record appear in NIIN sequence. Accordingly, in this case, related NSN 4910-00-369-6864 will appear earlier than the master NSN.
 - 2/ When the NSN of record is the master NSN, the NSN is repeated without an associated I&S phrase code in order to reflect the OOU code value assigned to the master item.
 - 3/ When the NSN of record is the master NSN, reciprocal I&S phrase codes to the related NSNs are reflected in conjunction with the related NSNs and their respective OOU code values.
 - 4/ When the NSN of record is a related NSN, the forward I&S phrase code to the master NSN is reflected in conjunction with the master NSN. No OOU code values are reflected on the related NSN record.

APPENDIX C-continued

EXAMPLE 7B. RELATED NSN TO MASTER NSN CROSS-REFERENCE (I&S FAMILY CROSS-REFERENCE FORMAT)

| NSN | MASTER NSN | NSN | MASTER NSN |
|---------------------------|-----------------|-----------------|------------|
| <u>1/</u> 4930-00-3696864 | 4930-00-4423593 | | |
| 4930-00-4423593 | | 4930-00-4423593 | |
| 4930-00-4606415 | 4930-00-4423593 | | |

NOTES: 1/ Each substitutable NSN in the I&S family, including the master NSN, will be reflected in ascending NIIN sequence.

APPENDIX C-continued

EXAMPLE 8. MULTI-USED I&S FAMILY OF SUBSTITUTABLES WITH IDENTICAL RELATED ITEMS AND IDENTICAL ORDERS OF USE (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY | AIR FORCE | MARINE | NAVY | CIVILIAN |
|------|-----------------|---------------------------|---------------|---------------|-----------|-----------|-----------|
| | | | 00U G JTC | 00U G JTC | 00U G JTC | 00U G JTC | 00U G JTC |
| PA | 4930-00-4423593 | 4930-00-1696864 | AAA | | | | |
| | | <u>1/</u> 4930-00-4606415 | <u>3/</u> ABA | | | | |
| | | 4930-00-4423593 | ACA | <u>4/</u> | ACA | <u>4/</u> | |
| | | | | | AAA | | |
| | | | | <u>2/</u> ABA | | | |

NOTE: 1/ The family consists of three (3) items: a master item and two (2) related items.

2/ Substitutability in the Marine Corps' (manager) family group is noted by the different subgroup code values (i.e. AA, AB and AC) assigned to the items. Increasing order of preference is noted by the ascending subgroup code values.

3/ Substitutability in the Army's (user) family group is also noted by the different subgroup code values (i.e. AA, AB and AC) assigned to the items. Increasing order of preference is noted by the ascending subgroup code values.

4/ The omission of OOU codes for other Services indicates that those Services either have no retail interest in the family or manage the master item as a bachelor item.

APPENDIX C-continued

EXAMPLE 3A. MULTI-USED I&S FAMILY OF SUBSTITUTABLES WITH IDENTICAL RELATED ITEMS AND IDENTICAL ORDERS OF USE (I&S MICROFICHE/SEGMENT H FOR VAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OUU | JTC |
|-----------|--------------------------------------|----------|----------------------|--------|--------------------------------------|--------------------------------------|-------------------|
| <u>1/</u> | 4930-00-369-6864 4930-00-369-6864 | DA DM | <u>2/</u> MPB MPB | F F | 4930-00-442-3593 4930-00-442-3593 | 4930-00-442-3593 4930-00-442-3593 | ACA ABA AAA |
| | 4930-00-442-3593 | DA | <u>2/</u> MPB | 7 | 4930-00-442-3593 | 4930-00-442-3593 | ACA ABA AAA |
| | 4930-00-442-3593 | DM | MPB | 7 | 4930-00-442-3593 | 4930-00-442-3593 | ACA ABA AAA |
| | 4930-00-460-6415 4930-00-460-6415 | DA DM | <u>2/</u> MPB MPB | F F | 4930-00-442-3593 4930-00-442-3593 | 4930-00-442-3593 4930-00-442-3593 | ACA ABA AAA |

NOTES: **1/** Separate NSN records are reflected for each managing/using Service/Agency. Phrase code and OUU code data applicable to each Service/Agency appears with the respective Service/Agency record. Field activities in each Service normally should refer only to their respective Service records when preparing/submitting requisitions.

2/ The entry of a Marine Corps SOS on the Army record indicates that the master item/family is managed on a consistent Inter-Service basis. Master items/families managed as consistent consumables are subject to Integrated Material Management (IMM) and direct retail requisitioning from the IMM SOS. Accordingly, for IMM items, the managing Service/Agency SOS would be reflected as the SOS on all using Service records.

APPENDIX C-continued

EXAMPLE 9. MULTI-USING FAMILY OF SUBSTITUTABLES WITH IDENTICAL RELATED ITEMS BUT DIFFERENT ORDERS OF USE (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY 00U G JTC | AIR FORCE 00U G JTC | MARINE 00U G JTC | NAVY 00U G JTC | CIMM 00U G JTC |
|------|-----------------|--------------------|-------------------|------------------------|---------------------|-------------------|-------------------|
| TX | 4930-00-4623593 | 4930-00-1696864 | ABA | | | | AAA |
| | | 1/ 4930-00-4606415 | 2/ AAA | | | | 2/ ABA |
| | | 4930-00-4423593 | ACA | 4/ | 4/ | 4/ | ACA |

NOTES: 1/ The family consists of three (3) items: a master item and two (2) related items.

2/ Substitutability in the CIMM's (manager) family group is noted by the different subgroup code values (i.e. AA, AB and AC) assigned to the items. Increasing order of preference is noted by the ascending subgroup code values.

3/ Substitutability in the Army's (user) family group is also noted by different subgroup values (i.e. AA, AB and AC) assigned to the items. Although increasing order of preference is noted by ascending subgroup code values, the order of use/preference differs from the manager's recommended 00U sequence. The master item, however, is commonly regarded as such. In such cases, the Army 00U code values will be observed when the manager makes logistics decisions for Army requirements (e.g. assets will be considered for issue against Army requisitions in the sequence specified by the Army 00U code values).

4/ The omission of 00U codes for other Services indicates that those Services either have no retail interest in the family or manage the master item as a bachelor item.

APPENDIX C-continued

EXAMPLE 9A. MULTI-USED I&S FAMILY OF SUBSTITUTABLES WITH IDENTICAL RELATED ITEMS BUT DIFFERENT ORDERS OF USE (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OOU | JTC |
|-----|------------------|-----|---------------|------|------------------|-----|-----|
| | 4930-00-169-6864 | DS | S9E | F | 4910-00-442-3593 | | |
| | 4930-00-169-6864 | DA | <u>1/</u> S9E | F | 4910-00-442-3593 | | |
| | 4930-00-442-3593 | DS | S9E | 7 | 4910-00-442-3593 | | ACA |
| | 4930-00-442-3593 | DA | <u>1/</u> S9E | 7 | 4910-00-460-6415 | | ABA |
| | 4930-00-442-3593 | DA | <u>1/</u> S9E | 2/ 7 | 4910-00-169-6864 | | AAA |
| | 4930-00-460-6415 | DS | S9E | F | 4910-00-442-3593 | | ACA |
| | 4930-00-460-6415 | DA | <u>1/</u> S9E | F | 4910-00-460-6415 | | ABA |
| | 4930-00-460-6415 | DA | <u>1/</u> S9E | F | 4910-00-442-3593 | | AAA |

NOTES: 1/ The entry of a CIIM SOS on the Army record indicates that the master item/family is managed on a consistent Inter-Service/Agency consumable basis. Master items/families managed as consistent consumables are subject to Integrated Material Management (IMM) and direct retail requisitioning from the IMM SOS. Accordingly, for IMM items, the managing Service/Agency SOS would be reflected as the SOS on all using Service records.

2/ The Army record on the master NSN reflects an order of use/preference within the Army which differs from the OOU code values assigned by the manager of the family.

APPENDIX C-continued

EXAMPLE 10. MULTI-USED I&S FAMILY OF SUBSTITUTABLES WITH DIFFERENT RELATED ITEMS PECULIAR TO THE MANAGING SERVICE (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY | AIR FORCE | MARINE | NAVY | CIMM |
|------|-----------------|--------------------|------------|------------|------------|------------|------------|
| | | | 00U G JTIC |
| 3D | 4930-00-4423593 | 4930-00-3696864 | AAA | | | | |
| | | 1/ 4930-00-4606415 | 2/ ABA | 3/ AAA | | | |
| | | 4930-00-4423593 | ACA | ABA | 4/ | | |

NOTES: 1/ The family consists of three (3) items: a master item and two (2) related items.

2/ Substitutability in the Army's (manager) family group is noted by the different subgroup values (i.e. AA, AB and AC) assigned to the items. Increasing order of preference is noted by the ascending subgroup code values.

3/ Substitutability in the Air Force's (user) family group is also noted by the different subgroup values (i.e. AA and AB) assigned to the items on which the Air Force is registered. Although increasing order of preference is noted by ascending subgroup code values, no order of use/preference is established for the first item in the family, on which the Air Force does not have registration. The master item is commonly regarded as such. In such cases, the Air Force 00U code values will be observed when the manager makes logistics decisions for Air Force requirements (e.g. assets of the first item will not be issued against Air Force requisitions without user approval; unserviceable assets of the first item will not be repaired against projected Air Force requirements for the other two (2) items).

4/ The omission of 00U codes for other Services indicates that those Services either have no retail interest in the family or manage the master item as a bachelor item.

APPENDIX C-continued

EXAMPLE 10A. MULTI-USED I&S FAMILY OF SUBSTITUTABLES WITH DIFFERENT RELATED ITEMS PECCULAR TO
THE MANAGING SERVICE (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | CON | JTC |
|-----|------------------|-----------------|-----|-------------|------------------|-----|-----|
| | 4910-00-169-6864 | DA <u>2/</u> | B64 | F | 4930-00-442-3593 | | |
| | 4910-00-442-3593 | DA | B64 | 7 | 4910-00-442-3593 | ACA | |
| | | | | 7 | 4910-00-460-6415 | ABA | |
| | | | | 7 | 4910-00-369-6864 | AAA | |
| | 4910-00-442-3593 | DF | FLZ | <u>1/</u> 7 | 4930-00-442-3593 | ABA | |
| | | | | | 4930-00-460-6415 | AAA | |
| | 4930-00-460-6415 | DA | B64 | F | 4930-00-442-3593 | | |
| | 4930-00-460-6415 | DF | FLZ | F | 4930-00-442-3593 | | |

NOTES: 1/ In the Air Force record for the master NSN, the omission of related NSN 4930-00-369-6864 indicates that the Air Force does not have registration on that item.

2/ Since the Air Force does not have registration on NSN 4930-00-369-6864, no Air Force record is reflected on that NSN.

APPENDIX C-continued

EXAMPLE 11. MULTI-USED I&S FAMILY OF SUBSTITUTABLES WITH DIFFERENT RELATED ITEMS PECULIAR TO A USING SERVICE (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY | | AIR FORCE | | MARINE | | NAVY | | CIMM |
|------|-----------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | | 00U G JTC | |
| KE | 4930-00-4423593 | 4930-00-9776640 | AAA | | | | AAA | | | | ZZZ |
| | | 4930-00-7872007 | | 1/ | 3/ | | | 3/ | | | ZZZ |
| | | 4930-00-5488570 | | ABA | | | ABA | | | | 2/ AAA |
| | | 4930-00-4423593 | | ACA | | | ACA | | | | ABA 5/ |

NOTES: 1/ The family consists of four (4) items: a master item and three (3) related items.

- 2/ The Navy's (manager) assignment of 00U code ZZZ to the first two (2) items in the family indicates that the Navy does not have retail interest in the items, but does support an other Service (i.e. the Army and the Air Force, respectively) on the items. The items are included in the manager's family group in order to maintain a consistent wholesale management assignment for the family. Substitutability on the last two (2) items is noted by the different subgroup code values (i.e. AA and AB) on the items. Increasing order of preference is noted by the ascending subgroup code values.
- 3/ Substitutability in the Army's and Air Force's (user) family groups is noted by the different subgroup code values (i.e. AA, AB and AC) assigned to the three (3) items on which those Services are registered. Increasing order of preference is noted by the ascending subgroup code values in each family group. The Army and Air Force 00U code values on the first two (2) items will be observed when the manager makes logistics decisions for Army and Air Force requirements (e.g. assets of the first item will be issued against Army requisitions, but not Air Force requisitions; assets of the second item will be issued against Air Force requisitions, but not Army requisitions; unuserviceable assets of the first two (2) items will be repaired only against projected requirements for the Service with recorded 00U codes on the respective items).
- 4/ The omission of 00U codes for other Services indicates that those Services either have no retail interest in the family or manage the master item as a bachelor item.
- 5/ If the Navy (manager) has no retail interest in either the first, second or third items in the family, all of those items would be assigned 00U code ZZZ and the master item would be assigned 00U code XXX to note that the Navy manages the master item as a bachelor item for Navy retail requirements. Navy responsibilities for support of Army and Air Force requirements would continue to observe the 00U code assignments of those using Services.

APPENDIX C-continued

EXAMPLE 11A. MULTI-USED I&S FAMILY OF SUBSTITUTABLES WITH DIFFERENT RELATED ITEMS PECULIAR TO A USING SERVICE (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OOU | JTC |
|------------------|-----|-----|------|------------------|----------------|-----|-----|
| 4910-00-442-3593 | DA | B16 | 1 | 4910-00-442-1593 | ACA | | |
| 4910-00-442-3593 | DF | FL2 | 7 | 4910-00-548-8570 | ABA | | |
| 4910-00-442-3593 | DN | N32 | 7 | 4930-00-997-6640 | AAA | | |
| 4910-00-442-3593 | | | 1/ | 4930-00-442-1593 | ACA | | |
| 4910-00-548-8570 | DA | B16 | F | 4910-00-442-1593 | | | |
| 4910-00-548-8570 | DF | FL2 | F | 4930-00-442-1593 | | | |
| 4910-00-548-8570 | DN | N32 | F | 4930-00-442-1593 | | | |
| 4910-00-787-2007 | DF | FL2 | F | 4930-00-442-1593 | | | |
| 4910-00-787-2007 | DN | N32 | 2/ U | 4930-00-442-1593 | | | |
| 4930-00-977-6640 | DA | B16 | F | 4930-00-442-1593 | | | |
| 4930-00-977-6640 | DN | N32 | 2/ U | 4930-00-442-1593 | | | |

NOTES: **1/** In the Navy record for the master NSN, the assignment of OOU code ZZZ to related NSNs 4910-00-787-2007 and 4930-00-997-6640 indicates that the Navy has no retail interest in either item, but as manager of the I&S family does support an other Service (i.e. the Air Force and the Army, respectively) on the items.

2/ In the Navy record for related NSNs 4910-00-787-2007 and 4930-00-977-6640, Phrase Code U is assigned in order to advise Navy field activities that the Navy has no retail interest in those items. Since the Army does not have registration on NSN 4910-00-787-2007, no Army record is reflected on that NSN; since the Air Force does not have registration on NSN 4910-00-977-6640, no Air Force record is reflected on that NSN.

The following pages contain examples of I&S families with interchangeable and substitutable items. Each example provides a portrayal of an appropriate I&S family in I&S family Record Format, and is followed by a portrayal of the same family in an abstract of ML-C/Segment H format which is tailored to reflect the inclusion of I&S data. The first family in this series of examples also is portrayed in I&S Family Cross-Reference format. Due to the relative simplicity of the cross-reference format, additional portrayals in that format are considered to be unnecessary for this series of examples.

The examples in this series are as follows:

Example 12. Single-used I&S Family

Example 13. Multi-used I&S Family with Identical Related Items and Identical Orders of Use.

Example 14. Multi-used I&S Family with Identical Related Items, but Different Orders of Use.

Example 15. Multi-used I&S Famlily with Different Related Items Peculiar to the Managing Service.

Example 16. Multi-used I&S Family with Different Related Items Peculiar to a Using Service.

APPENDIX C-Continued

EXAMPLE 12A. SINGLE-USED I&S FAMILY OF INTERCHANGEABLES AND SUBSTITUTABLES (SEGMENT H FOR VAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OOU | JTC |
|-----------|------------------|-----|-----|------------------------------|--|-------------------|-----|
| | 4910-00-169-6864 | DM | MPB | <u>4</u> / F | 4910-00-442-3593 | | |
| <u>1/</u> | 4910-00-442-3593 | DM | MPB | <u>2</u> / G <u>3</u> / J | 4910-00-442-3593 4910-00-548-8570 4910-00-169-6864 | ABA ABA AAA | |
| | 4910-00-548-8570 | DM | MPB | <u>4</u> / E | 4910-00-442-3593 | | |

NOTES: 1/ NSNs of record appear in NIIN sequence. Accordingly, in this case, related NSN 4910-00-369-6864 will appear earlier than the master NSN.

2/ When the NSN of record is the master NSN, the NSN is repeated without an associated I&S phrase code in order to reflect the OOU code value assigned to the master item.

3/ When the NSN of record is the master NSN, reciprocal I&S phrase codes to the related NSNs are reflected in conjunction with the related NSNs and their respective OOU code values. Phrase Code G is reciprocal to Phrase Code E; Phrase Code 7 is reciprocal to Phrase Code F.

4/ When the NSN of record is a related NSN, the forward I&S phrase code to the master NSN is reflected in conjunction with the master NSN. No OOU code values are reflected on the related NSN record.

APPENDIX C--continued

EXAMPLE 13A. MULTI-USED I&S FAMILY OF INTERCHANGEABLES AND SUBSTITUTABLES WITH IDENTICAL RELATED ITEMS AND IDENTICAL ORDERS OF USE (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OOU | JTC |
|-----------|--------------------------------------|----------|--------------------------------|--------|--------------------------------------|-------------------|-----|
| | 4930-00-369-6864 4930-00-369-6864 | DS DH | <u>2/</u> S9C <u>2/</u> S9C | F F | 4930-00-442-3591 4930-00-442-3591 | | |
| <u>1/</u> | 4930-00-442-3591 | DS | S9C | G | 4930-00-442-3591 4930-00-548-8570 | ABB ABA | |
| | 4930-00-442-3591 | DH | <u>2/</u> S9C | 7 | 4930-00-369-6864 4930-00-442-3591 | AAA ABB ABA | |
| | 4930-00-548-8570 4930-00-548-8570 | DS DH | <u>2/</u> S9C <u>2/</u> S9C | G 7 | 4930-00-548-8570 4930-00-369-6864 | AAA | |

NOTES: 1/ Separate NSN records are reflected for each managing/using Service/Agency. Phrase code and OOU code data applicable to each Service/Agency appears with the respective Service/Agency record. Field activities in each Service normally should refer only to their respective Service records when preparing/submitting requisitions.

2/ The entry of a CIMM SOS on the Marine Corps record indicates that the master item/family is managed on a consistent inter-Service/Agency consumable basis. Master items/families managed as consistent consumables are subject to Integrated Material Management (IMM) and direct retail requisitioning from the IMM SOS. Accordingly, for IMM items, the managing Service/Agency SOS would be reflected as the SOS on all using Service records.

APPENDIX C-continued

EXAMPLE 14. MULTI-USED I&S FAMILY OF INTERCHANGEABLES AND SUBSTITUTABLES WITH IDENTICAL RELATED ITEMS
BUT DIFFERENT ORDERS OF USE (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY | AIR FORCE | MARINE | NAVY | CIMM |
|------|-----------------|---------------------------|---------------|-----------|-----------|-----------|---------------|
| | | | | | | | 00U G JTC |
| AX | 4930-00-4423593 | 4930-00-3696864 | AAA | | | | AAA |
| | | <u>1/</u> 4930-00-5488570 | <u>3/</u> AAB | | | | <u>2/</u> ABA |
| | | 4930-00-4423593 | ABA | <u>4/</u> | <u>4/</u> | <u>4/</u> | ABA |

NOTES: 1/ The family consists of three (3) items: a master item and two (2) related items.

2/ Substitutability between the first item and the last two (2) items in the CIMM's (manager) family group is noted by the different subgroup code values (i.e. AA and AB). Interchangeability between the last two (2) items is noted by the same subgroup code value (i.e. AB) on both items. Increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A and B).

3/ For Army retail use, the first two (2) items are regarded as interchangeable rather than substitutable, and the last two (2) items are regarded as substitutable rather than interchangeable. Accordingly, interchangeability between the first two (2) items in the Army's (user) family group is noted by the same subgroup code value (i.e. AB) on both items. Increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A and B). Substitutability between the first two (2) items and the last item is noted by the different subgroup code values (i.e. AA and AB). The master item is commonly regarded as such. In such cases, the Army OOU code values will be observed when the manager makes logistics decisions for Army requirements (e.g. assets will be considered for issue against Army requisitions in the sequence specified by the Army OOU code values).

4/ The omission of OOU codes for other Services indicates that those Services either have no retail interest in the family or manage the master item as a bachelor item.

APPENDIX C-continued

EXAMPLE 14A. MULTI-USED I&S FAMILY OF INTERCHANGEABLES AND SUBSTITUTABLES WITH IDENTICAL RELATED ITEMS BUT DIFFERENT ORDERS OF USE (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OOU | JTC |
|-----|------------------|-----|----------------|--------------|------------------|-----|-----|
| | 4930-00-369-6864 | DS | S9C | F | 4930-00-442-3593 | | |
| | 4930-00-369-6864 | DA | <u>1</u> / S9C | F | 4930-00-442-3593 | | |
| | | | | | | | |
| | 4930-00-442-3593 | DS | S9C | G | 4930-00-548-8570 | ABA | |
| | | | | 7 | 4930-00-169-6864 | AAA | |
| | 4930-00-442-3593 | DA | S9C | <u>2</u> / 7 | 4930-00-442-3593 | ABA | |
| | | | | 7 | 4930-00-548-8570 | ABB | |
| | | | | | 4930-00-169-6864 | AAA | |
| | 4930-00-548-8570 | DS | S9C | E | 4930-00-442-3593 | | |
| | 4930-00-548-8570 | DA | S9C | F | 4930-00-442-3593 | | |

NOTES: 1/ The entry of a CIMM SOS on the Army record indicates that the master item/family is managed on a consistent Inter-Service/Agency consumable basis. Master items/families managed as consistent consumables are subject to Integrated Material Management (IMM) and direct retail requisitioning from the IMM SOS. Accordingly, for IMM items, the managing Service/agency SOS would be reflected as the SOS on all using Service records.

- 2/ The Army record on the master NSN reflects an order of use/preference within the Army, which differs from the OOU code values assigned by the manager of the family.

APPENDIX C-continued

EXAMPLE 15. MULTI-USED I&S FAMILY OF INTERCHANGEABLES AND SUBSTITUTABLES WITH DIFFERENT RELATED ITEMS PECULIAR TO THE MANAGING SERVICE (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY | AIR FORCE | MARINE | NAVY | CIMM |
|------|-----------------|-----------------|-----------|-----------|-----------|-----------|-----------|
| | | | OOU G JTC |
| TC | 4930-00-4423393 | 4930-00-3696864 | AAA | ABA | AAA | AAA | |
| | | 4930-00-7877207 | | | | | |
| | | 4930-00-7428186 | | 2/ ACA | | | |
| | | 4930-00-5688570 | | ACB | ABA | | |
| | | 4930-00-4423593 | 4/ | ACC | 4/ | ABB | |
| | | | | | | | |

NOTES: 1/ The family consists of five (5) items: a master item and four (4) related items.

2/ Substitutability between the first two (2) items and between those items and the last three (3) items in the Air Force's (manager) family group is noted by the different subgroup code values (i.e. AA, AB and AC). Interchangeability among the last three (3) items is noted by the same subgroup code value (i.e. AC) on all items. Increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A, B and C).

3/ Substitutability between the second item and the last two (2) items in the Navy's (user) family group is noted by the different subgroup code values (i.e. AA and AB). Interchangeability between the last two (2) items is noted by the same subgroup code value (i.e. AB) on both items. Increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A and B). No order of use/preference is established for the first or third items in the family on which the Navy does not have registration. The master item is commonly regarded as such. In such cases, the Navy OOU code values will be observed when the manager makes logistics decisions for Navy requirements (e.g. assets of the first or third items will not be issued against Navy requisitions without user approval; unserviceable assets of the first or third items will not be repaired against projected Navy requirements for the other three (3) items).

4/ The omission of OOU codes for other Services indicates that those Services either have no retail interest in the family or manage the master item as a bachelor item.

APPENDIX C-continued

EXAMPLE 15A. MULTI-US ED I&S FAMILY OF INTERCHANGEABLES AND SUBSTITUTABLES WITH DIFFERENT RELATED ITEM'S PECULIAR TO THE MANAGING SERVICE (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OOU | JTC |
|-----|------------------|-----|------------------|-----|---------------------------------|--|--|
| | 4930-00-369-6864 | | DF <u>2/</u> | FLZ | F | 4930-00-442-3593 | |
| | 4930-00-442-3593 | DF | FLZ | | G G 7 7 V V 7 | 4930-00-442-3593 4930-00-548-8570 4930-00-742-8186 4930-00-787-2007 4930-00-369-6864 4930-00-442-3593 4930-00-548-8570 4930-00-787-2007 | ACC ACB ACA ABA AAA ABB ABA AAA |
| | 4930-00-442-3593 | DN | N32 | | | | |
| | 4930-00-548-8570 | DF | FLZ | E | 4930-00-442-3593 | | |
| | 4930-00-548-8570 | DN | N32 | E | 4930-00-442-3593 | | |
| | 4930-00-742-8186 | DF | FLZ <u>2/</u> | E | 4930-00-442-3593 | | |
| | 4930-00-787-2007 | DF | FLZ | F | 4930-00-442-3593 | | |
| | 4930-00-787-2007 | DN | N32 | F | 4930-00-442-3593 | | |

NOTES: 1/ In the Navy record for the master NSN, the omission of related NSNs 4930-00-369-6864 and 4930-00-742-8186 indicates that the Navy does not have registration on those items.

2/ Since the Navy does not have registration on NSNs 4930-00-369-6864 and 4930-00-742-8186, no Navy records are reflected on those NSNs.

APPENDIX C-continued

EXAMPLE 16. MULTI-USED I&S FAMILY OF INTERCHANGEABLES AND SUBSTITUTABLES WITH DIFFERENT RELATED ITEMS PECULIAR TO A USING SERVICE (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY 00U C JTC | AIR FORCE 00U G JTC | MARINE 00U C JTC | NAVY 00U G JTC | CIMM 00U G JTC |
|------|-----------------|----------------------------|-------------------|------------------------|---------------------|-------------------|-------------------|
| CT | 4930-00-4423593 | 4930-00-3696864 | ZZZ | | AAA | | |
| | | 4930-00-4606415 | ZZZ | | AAB | | |
| | | <u>4</u> / 4930-00-9776640 | <u>2</u> / AAA | | <u>3</u> / AAC | | |
| | | <u>4</u> / 4930-00-5488570 | ABA | | AAD | | |
| | | 4930-00-4423593 | ABB | <u>4</u> / | ABA | <u>4</u> / | |
| | | | <u>5</u> / | | | | |

NOTES:

1/ The family consists of five (5) items: a master item and four (4) related items.

2/ The Army's (manager) assignment of 00U code ZZZ to the first two (2) items in the family indicates that the Army does not have retail interest in the items, but does support an other Service (i.e. the Marine Corps) on the items. The items are included in the manager's family group in order to maintain a consistent wholesale management assignment for the family. Substitutability between the third item and the last two (2) items is noted by the different subgroup code values (i.e. AA and AB). Interchangeability between the last two (2) items is noted by the same subgroup code value (i.e. AB) on both items. Increasing order of preference within the subgroup is noted by the ascending sequence values (i.e. A and B).

3/ Interchangeability in the Marine Corps' (user) family group is noted by the same subgroup code value (i.e. AA) on the first four (4) items. Increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A, B, C and D). Substitutability between the first four (4) items and the last item is noted by the different subgroup code values (i.e. AA and AB). For Marine Corps retail use, the third and fourth items are regarded as interchangeable rather than rather than substitutable, and the last two (2) items are regarded as substitutable rather than interchangeable. The master item is commonly regarded as such. In such cases, the Marine Corps 00U code values will be observed when the manager makes logistics decisions for Marine Corps requirements (e.g. assets will be considered for issue against Marine Corps requisitions in the sequence specified by the Marine Corps 00U code values).

4/ The omission of 00U codes for other Services indicates that those Services either have no retail interest in the family or manage the master item as a bachelor item.

5/ If the Army (manager) has no retail interest in either the first, second, third or fourth items in the family, all of those items would be assigned 00U code ZZZ and the master item would be assigned 00U code XXX to note that the Army manages the master item as a bachelor item for Army retail requirements. Army responsibilities for support of Marine Corps requirements would continue to observe Marine Corps 00U code assignments.

APPENDIX C-continued
EXAMPLE 16A. MULTI-USED I&S FAMILY OF INTERCHANGEABLES AND SUBSTITUTABLES WITH DIFFERENT RELATED ITEMS PECULIAR TO A USING SERVICE (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OOU | JTC |
|------------------|------------------|---------------|---------------|----------------------------|------------------|-----|-----|
| | 4930-00-369-6864 | DA | B17 | <u>2/</u> U | 4910-00-442-3593 | | |
| | 4930-00-369-6864 | DM | <u>3/</u> B17 | F | 4930-00-442-3593 | | |
| | | | | | | | |
| 4930-00-442-3593 | DA | B17 | C | 4930-00-548-8570 | 4910-00-442-3593 | ABB | |
| | | | 7 | 4930-00-977-6640 | 4930-00-442-3593 | ABA | |
| | | | | <u>1/</u> 4930-00-369-6864 | 4930-00-442-3593 | AAA | |
| | | | | <u>1/</u> 4930-00-460-6415 | 4930-00-442-3593 | 222 | |
| 4930-00-442-3593 | DM | <u>3/</u> B17 | 7 | 4930-00-548-8570 | 4930-00-442-3593 | ABA | |
| | | | | 4930-00-977-6640 | 4930-00-442-3593 | AAD | |
| | | | | 4930-00-460-6415 | 4930-00-442-3593 | AAC | |
| | | | | 4930-00-369-6864 | 4930-00-442-3593 | AAB | |
| | | | | 7 | 4930-00-442-3593 | AAA | |
| | | | | | | | |
| 4930-00-460-6415 | DA | B17 | <u>2/</u> U | 4930-00-442-3593 | | | |
| 4930-00-460-6415 | DM | <u>3/</u> B17 | F | 4930-00-442-3593 | | | |
| | | | | | | | |
| 4930-00-548-8570 | DA | B17 | E | 4930-00-442-3593 | | | |
| 4930-00-548-8570 | DM | <u>3/</u> B17 | F | 4930-00-442-3593 | | | |
| | | | | | | | |
| 4930-00-977-6640 | DA | B17 | F | 4930-00-442-3593 | | | |
| 4930-00-977-6640 | DM | <u>3/</u> B17 | F | 4930-00-442-3593 | | | |
| | | | | | | | |

NOTES: 1/ In the Army record for the master NSN, the assignment of OOU code 222 to related NSNs 4930-00-369-6864 and 4930-00-460-6415 indicates that the Army has no retail interest in either item, but as manager of the I&S family does support an other Service (i.e. the Marine Corps) on the items.

- 2/ In the Army records for related NSNs 4930-00-369-6864 and 4930-00-460-6415. Phrase Code U is assigned in order to advise Army field activities that the Army has no retail interest in either item.

- 3/ The entry of an Army SOS on the Marine Corps record indicates that the master item/family is managed on a consistent Inter-Service/Agency consumable basis. Master items/families managed as consistent consumables are subject to Integrated Material Management (IMM) and direct retail requisitioning from the IMM SOS. Accordingly, for IMM items, the managing Service/Agency SOS would be reflected as the SOS on all using Service records.

APPENDIX C-continued

EXAMPLE 12. SINGLE-USED I&S FAMILY OF INTERCHANGEABLES AND SUBSTITUTABLES (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY 000 C JTC | AIR FORCE 000 C JTC | MARINE 000 C JTC | NAVY 000 C JTC | CIVIL 000 C JTC |
|------|-----------------|---------------------------------------|-------------------|------------------------|---------------------|-------------------|--------------------|
| PA | 4930-00-4423591 | 4930-00-3616964 1/ 4930-00-5498570 | | | | | AAA |
| | | 4930-00-4423591 | 1/ | 1/ | 1/ | ABB | 1/ |

NOTES: 1/ The family consists of three (3) items: a master item and two (2) related items.

2/ Substitutability between the first item and the last two (2) items is noted by the different subgroup code values (i.e. AA and AB). Interchangeability between the last two (2) items is noted by the same subgroup code value (i.e. AB) on both items. Increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A and B).

3/ The omission of 000 codes for other Services indicates that those Services either have no retail interest in the family or manage the master item as a 'achelor' item.

The following pages contain examples of I&S families with generic master NSNs. Each example provides a portrayal of an appropriate I&S family in I&S Family Record Format, and is followed by a portrayal of the same family in an abstract of Segment H format which is tailored to reflect the inclusion of I&S data. The first family in this series of examples also portrayed in I&S Family Cross-Reference format. Due to the relative simplicity of the cross-reference format, additional portrayals in that format are considered to be unnecessary for this series of examples.

The examples in this series are as follows:

Example 17. Single-used I&S Family.

Example 18. Multi-used I&S Family with Identical Related Items and Identical Orders of Use.

Example 19. Multi-used I&S Family with Identical Related Items, but Different Orders of Use.

Example 20. Multi-used I&S Family with Different Related Items Peculiar to the Managing Service.

Example 21. Multi-used I&S Family with Different Related Items Peculiar to a Using Service.

APPENDIX C-continued

EXAMPLE 17. SINGLE-USED FAMILY WITH GENERIC MASTER NSN (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY OOU G JTC | AIR FORCE OOU G JTC | MARINE OOU G JTC | NAVY OOU G JTC | CIMM OOU G JTC |
|------|------------------------|-----------------|---------------------------|------------------------|---------------------|-------------------|-------------------|
| KE | <u>4930-00-4423593</u> | 4930-00-3696864 | | | | | AAA |
| | | 4930-00-2847300 | | | | | <u>2/ ABA</u> |
| | | | <u>1/ 4930-00-7428186</u> | | | | ACA |
| | | | 4930-00-5488570 | | | | <u>3/ ACB</u> |
| | | | | <u>4/</u> | <u>4/</u> | | ACC 7 |

NOTES: 1/ The family consists of five (5) items: a master item and four (4) related items.2/ Substitutability between the first two (2) items, and between those items and the last three items is noted by the different subgroup code values (i.e., AA, AB and AC).3/ Interchangeability among the last three (3) items is noted by the same subgroup code value (i.e., AC) on all items.
3/ Although increasing order of preference within the subgroup is implied by the ascending sequence code values (i.e., A, B and C), no order of preference exists: the master NSN applies to a generic specification and the related NSNs identify items of supply which comply equally with the provisions of the generic specification.4/ In the case of a family with a generic master NSN, the omission of OOU codes for other Services indicates that those Services have no retail interest in the family.

APPENDIX C-continued

EXAMPLE 17A. SINGLE-USED I&S FAMILY WITH GENERIC MASTER NSN (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OOU | JTC |
|------------------|------------------|-----|----------------------|------------------|--|---------------------------------|-----|
| 1/ | 4930-00-284-7300 | DN | N32 | 5/ F | 4930-00-442-1591 | | |
| 1/ | 4930-00-369-6864 | DN | N32 | 5/ F | 4930-00-442-1591 | | |
| 4930-00-442-1591 | DN | N32 | 2/ 3/ 3/ 3/ | S S S 7 | 4930-00-442-1591 4930-00-548-8570 4930-00-742-8186 4930-00-284-7100 | ACC ACB ACA ABA AAA | |
| 4930-00-548-8570 | DN | N32 | 4/ 4/ | J J | 4930-00-742-8186 4930-00-442-1591 | | |
| 4930-00-742-8186 | DN | N32 | 4/ 3/ | J 1 | 4930-00-548-8570 4930-00-442-1591 | | |

NOTES: 1/ NSNs of record appear in NIIN sequence. Accordingly, in this case, related NSNs 4930-00-284-7300 and 4930-00-369-6864 will appear earlier than the master NSN.

2/ When the NSN of record is the master NSN, the NSN is repeated without an associated I&S phrase code in order to reflect the OOU code assigned to the master item.

3/ When the NSN of record is the master NSN, reciprocal I&S phrase codes to the related NSNs are reflected in conjunction with the related NSNs and their respective OOU code values. Phrase Code S is the reciprocal phrase code in a generic relationship; Phrase Code 7 is reciprocal to Phrase Code F.

4/ When the NSN of record is a related NSN, the forward I&S phrase code to the master NSN normally is reflected in conjunction with the master NSN. However, in a generic relationship, each generic item of supply is related to all other generic items of supply in the master item subgroup by means of Phrase Code J. No phrase code relationship to the generic master NSN is established and no OOU code values are reflected on the related NSN record.

5/ When the NSN of record is a related NSN other than a generic item, the forward I&S phrase code to the master NSN is reflected in conjunction with the master NSN. No OOU code values are reflected on the related NSN record.

APPENDIX C-continued

EXAMPLE 17B. RELATED NSN TO MASTER NSN CROSS-REFERENCE (I6S FAMILY CROSS-REFERENCE FORMAT)

| NSN | MASTER NSN | NSN | MASTER NSN |
|---------------------------|-----------------|-----|------------|
| <u>1/ 4930-00-2847300</u> | 4930-00-4423593 | | |
| 4930-00-3696864 | 4930-00-4423593 | | |
| 4930-00-4423593 | 4930-00-4423593 | | |
| 4930-00-5488570 | 4930-00-4423593 | | |
| 4930-00-7426186 | 4930-00-4423593 | | |

NOTES: 1/ Each interchangeable, substitutable and/or generic NSN in the I6S family, including the master NSN, will be reflected in ascending NIIN sequence.

APPENDIX C-continued

EXAMPLE 18. MULTI-USED I&S FAMILY WITH GENERIC MASTER NSN AND IDENTICAL RELATED ITEMS WITH IDENTICAL ORDERS OF USE (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY | AIR FORCE | MARINE | NAVY | CIMM |
|------|-----------------|---------------------------|-----------|-----------|-----------------|-----------------|-----------|
| | | | OOU G JTC | OOU G JTC | OOU G JTC | OOU G JTC | OOU G JTC |
| AZ | 4930-00-4423593 | 4930-00-3696864 | | | AAA | AAA | |
| | | 4930-00-2847300 | | | ABA | ABA | |
| | | <u>1/</u> 4930-00-7428186 | | | <u>3/</u> ACA | <u>2/</u> ACA | |
| | | 4930-00-588570 | | | ACB | ACB | |
| | | 4930-00-4423593 | <u>4/</u> | <u>4/</u> | <u>4/</u> AAC 7 | <u>4/</u> AAC 7 | |

NOTES: 1/ The family consists of five (5) items: a master item and four (4) related items.

2/ Substitutability between the first two (2) items, and between those items and the last three (3) items in the CIMM's (manager) family group is noted by the different subgroup code values (i.e., AA, AB and AC). Interchangeability among the last three (3) items is noted by the same subgroup code value (i.e., AC) on all items. Although increasing order of preference within the subgroup is implied by the ascending sequence code values (i.e., A, B and C), no order of preference exists: the master NSN applies to a generic specification and the related NSNs identify items of supply which comply equally with the provisions of the generic specification.

3/ Substitutability between the first two (2) items, and between those items and the last three (3) items in the Navy's (user) family group is also noted by the different subgroup code values in the master subgroup on which the Navy is registered must be assigned the same subgroup code value (i.e., AC) by the Navy. Although the ascending sequence code values (i.e., A, B and C) imply an increasing order of preference, no actual order of preference exists.

4/ In the case of a family with a generic master NSN, the omission of OOU codes for other Services indicates that those Services have no retail interest in the family.

APPENDIX C-continued

EXAMPLE 18A. MULTI-USED I&S FAMILY WITH GENERIC MASTER NSN AND IDENTICAL RELATED ITEMS WITH IDENTICAL ORDERS OF USE (I&S FAMILY RECORD FOR MAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OOU | JTC |
|-----|------------------|-------|-----|----|------------------|-----|-----|
| 1/ | 4910-00-284-7300 | DA | AKZ | F | 4910-00-442-3593 | | |
| | 4910-00-284-7300 | 2/ DN | AKZ | F | 4910-00-442-3593 | | |
| | 4910-00-369-6864 | DA | AKZ | F | 4910-00-442-3593 | | |
| | 4910-00-369-6864 | 2/ DN | AKZ | F | 4910-00-442-3593 | | |
| | 4910-00-442-3593 | DA | AKZ | S | 4910-00-442-3593 | | ACC |
| | | | | S | 4910-00-548-8570 | | ACB |
| | | | | S | 4910-00-742-8186 | | ACA |
| | | | | 7 | 4910-00-284-7100 | | ABA |
| | | | | 7 | 4910-00-369-6864 | | AAA |
| | 4910-00-442-3593 | 2/ DN | AKZ | S | 4910-00-442-3593 | | ACC |
| | | | | S | 4910-00-548-8570 | | ACB |
| | | | | S | 4910-00-742-8186 | | ACA |
| | | | | 7 | 4910-00-284-7100 | | ABA |
| | | | | 7 | 4910-00-369-6864 | | AAA |
| | 4910-00-548-8570 | DA | AKZ | J | 4910-00-742-8186 | | |
| | 4910-00-548-8570 | 2/ DN | AKZ | J | 4910-00-442-3593 | | |
| | 4910-00-742-8186 | DA | AKZ | J | 4910-00-548-8570 | | |
| | 4910-00-742-8186 | 2/ DN | AKZ | J | 4910-00-548-8570 | | |
| | | | | J | 4910-00-442-3593 | | |

NOTES: 1/ Separate NSN records are reflected for each managing/using Service/Agency. Phase code and OOU code data applicable to each Service/Agency appears with the respective Service/Agency record. Field activities in each Service normally should refer only to their respective Service records when preparing/submitting requisitions.

2/ The entry of a CMH SOS on the Navy record indicates that the master item/family is managed on a consistent inter-Service/Agency consumable basis. Master items/families managed as consumable consumables are subject to Integrated Material Management (IMM) and direct retail requisitioning from the IMM SOS. Accordingly, for I&S items, the managing Service/Agency SOS would be reflected as the SOS on all using Service records.

APPENDIX C-Continued

EXAMPLE 19. MULTI-USING FTS FAMILY WITH GENERIC MASTER NSN AND IDENTICAL RELATED ITEMS WITH DIFFERENT ORDERS OF USE (165 FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY | AIR FORCE | MARINE | NAVY | CIVIL |
|------|-----------------|---------------------------|---------------|---------------|---------------|---------------|---------------|
| | | | 00U G JTC |
| SU | 4930-00-4423593 | 4930-00-3696864 | AAA | AAA | AAA | AAA | AAA |
| | | 4930-00-2847300 | ABA | ABA | ABA | ABA | ABA |
| | | <u>1/</u> 4930-00-7428186 | <u>2/</u> ABA |
| | | 4930-00-5406570 | ABB | ABB | ABB | ABB | ABB |
| | | 4930-00-4423593 | <u>4/</u> ACC | <u>ABC</u> 1 | <u>ABC</u> 1 | <u>ABC</u> 1 | <u>ABC</u> 1 |

NOTES: 1/ The family consists of five (5) items: a master item and four (4) related items.

2/ Substitutability between the first two (2) items and the last three (3) items in the Air Force's (manager) family group is noted by the different subgroup code values (i.e. AA and AB). Interchangeability between the first two (2) items is noted by the same subgroup code value (i.e. AA). Increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A and B). Interchangeability among the last three (3) items is noted by the same subgroup code value (i.e. AC) on all items. Although increasing order of preference within the master subgroup is implied by the ascending sequence code values (i.e. A, B and C), no order of preference exists; the master NSN applies to a generic specification and the related NSNs identify items of supply which comply equally with the provisions of the generic specification.

3/ Substitutability between the first two (2) items, and between those items and the last three (3) items in the Navy's (user) family group is noted by different subgroup code values (i.e. AB and AC). For Navy retail use, the first and second items are regarded as substitutable rather than interchangeable. In such cases, the Navy 00U code values will be observed when the manager makes logistics decisions for Navy requirements. In view of that fact that the master NSN is a generic NSN those items in the master subgroup on which the Navy is registered must be assigned the same subgroup code value (i.e. AC) by the Navy.

(i.e. A, B and C) imply an increasing order of preference, no actual order of preference exists.

4/ In the case of a family with a generic master NSN, the omission of 00U codes for other Services indicates that those services have no retail interest in the family.

APPENDIX C-continued

EXAMPLE 19A. MULTI-USED I&S FAMILY WITH GENERIC MASTER NSN AND IDENTICAL RELATED ITEMS WITH DIFFERENT ORDERS OF USE (I&S FAMILY RECORD FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | DOU | JTC |
|-----|------------------|-----|-----|------|------------------|-----|-----|
| | 4930-00-284-7300 | DF | FGZ | F | 4930-00-442-3593 | | |
| | 4930-00-284-7300 | DN | N35 | F | 4930-00-442-3593 | | |
| | 4930-00-369-6864 | DF | FGZ | F | 4930-00-442-3593 | | |
| | 4930-00-369-6864 | DN | N35 | F | 4930-00-442-3593 | | |
| | 4930-00-442-3593 | DF | FGZ | S | 4930-00-442-3593 | | ABC |
| | | | | S | 4930-00-548-8570 | | ABA |
| | | | | 7 | 4930-00-742-8186 | | AAB |
| | 4930-00-442-3593 | DN | N35 | S | 4930-00-284-7300 | | AAA |
| | | | | 7 | 4930-00-169-6864 | | ACC |
| | | | | 7 | 4930-00-442-3593 | | ACB |
| | | | | S | 4930-00-548-8570 | | ACA |
| | | | | S | 4930-00-742-8186 | | ABA |
| | | | | 1/ 7 | 4930-00-284-7300 | | AAA |
| | | | | 7 | 4930-00-169-6864 | | |
| | 4930-00-548-8570 | DF | FGZ | J | 4930-00-742-8186 | | |
| | 4930-00-548-8570 | DN | N35 | J | 4930-00-442-3593 | | |
| | | | | J | 4930-00-742-8186 | | |
| | 4930-00-742-8186 | DF | FGZ | J | 4930-00-548-8570 | | |
| | 4930-00-742-8186 | DN | N35 | J | 4930-00-442-3593 | | |
| | | | | J | 4930-00-548-8570 | | |
| | | | | J | 4930-00-442-3593 | | |

NOTES: 1/ The Navy record on the master NSN reflects an order of use/preference within the Navy which differs from the DOU code values assigned by the manager of the family.

APPENDIX C-continued

EXAMPLE 20. MULTI-USED I&S FAMILY WITH GENERIC MASTER NSN AND DIFFERENT RELATED ITEMS PECULIAR TO THE MANAGING SERVICE (I&S FAMILY RECORD FORMAT)

| PI/CA | MASTER NSN | RELATED NSN | ARMY OOU G JTC | AIR FORCE OOU G JTC | MARINE OOU G JTC | NAVY OOU G JTC | CIMI ^a |
|-------|-----------------|--------------------|-------------------|------------------------|---------------------|-------------------|-------------------|
| | | | | | | | OOU G JTC |
| TA | 4910-00-4423593 | 4910-00-3696864 | | | AAA | | |
| | | 4910-00-9776640 | | AAA | ABA | | |
| | | 1/ 4910-00-7072007 | 2/ | | 2/ ACA | | |
| | | 4910-00-5488570 | ABA | | ACB | | |
| | | 4910-00-4423593 | ABB 7 | ACC 7 | 4/ | | |

NOTES:

- 1/ The family consists of five (5) items: a master item and four (4) related items.
- 2/ Substitutability between the first two (2) items and between those items and the last three (3) items in the Air Force's (manager) family group is noted by the different subgroup code values (i.e. AA, AB and AC). Interchangeability among the last three (3) items is noted by the same subgroup code value (i.e. AC) on all items. Although increasing order of preference within the subgroup is implied by the ascending sequence code values (i.e. A, B and C), no order of preference exists: the master NSN applies to a generic specification and the related NSNs identify items of supply which comply equally with the provisions of the generic specification.
- 3/ Substitutability between the second item and the last two (2) items in the Army's (user) family group is also noted by different subgroup code values (i.e. AA and AB). No order of use/preference is established on the first or third items in the family, on which the Army does not have registration. In view of the fact that the master NSN is a generic NSN, those items in the master subgroup on which the Army is registered must be assigned the same subgroup code value (i.e. AB) by the Army.
- In such cases, the Army OOU code values will be observed when the manager makes logistic decisions for Army requirements (i.e. assets of the first item will not be issued against Army requisitions without user approval; assets of the third item will not be issued against Army requisitions for the fourth item or the master item even though the three (3) NSNs are generically related).
- 4/ In the case of a family with a generic master NSN, the omission of OOU codes for other Services indicates that those Services have no retail interest in the family.

APPENDIX C-continued

EXAMPLE 20A. MULTI-USED I&S FAMILY WITH GENERIC MASTER NSN AND DIFFERENT RELATED ITEMS PECULIAR TO THE MANAGING SERVICE (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OU | JTC | |
|--------------------------------------|-----------------|-----------------|-----|------------------|--|--|-----|--|
| | | | | | 4930-00-442-3593 | | | |
| 4930-00-369-6864 | | DF <u>2/</u> | FFZ | | 4930-00-442-1593 4930-00-548-B570 4930-00-787-2007 4930-00-917-6640 4930-00-369-6864 4930-00-442-1593 4930-00-548-B570 4930-00-917-6640 | ACC ACB ACA ABA AAA ABB ABA AAA | | |
| 4930-00-442-3593 | DF | | FFZ | | 4930-00-442-3593 4930-00-548-B570 4930-00-787-2007 4930-00-917-6640 4930-00-369-6864 4930-00-442-1593 4930-00-548-B570 4930-00-917-6640 | ACC ACB ACA ABA AAA ABB ABA AAA | | |
| 4930-00-442-3593 | DA | B64 | | <u>1/</u> S 7 | 4930-00-442-3593 4930-00-548-B570 4930-00-917-6640 | | | |
| 4930-00-548-B570 | DF | | FFZ | | 4930-00-787-2007 4930-00-442-3593 4930-00-442-3593 | | | |
| 4930-00-548-B570 | DA | B64 | | <u>3/</u> 3 | 4930-00-787-2007 4930-00-442-3593 4930-00-442-3593 | | | |
| 4930-00-787-2007 | DF <u>2/</u> | | FFZ | | 4930-00-548-B570 4930-00-442-3593 | | | |
| 4930-00-977-6640 4930-00-977-6640 | DF DA | B64 | | | 4930-00-442-3593 4930-00-442-3593 | | | |

NOTES: 1/ In the Army record for the master NSN, the omission of related NSNs 4930-00-369-6864 and 4930-00-787-2007 indicates that the Army does not have registration on either item.

2/ Since the Army does not have registration on NSNs 4930-00-369-6864 and 4930-00-787-2007, no Army record is reflected on those NSNs.

3/ Since the Army has registration on only one generic item of supply, no Phrase Code J can be assigned to that item.

APPENDIX C-continued

EXAMPLE 21. MULTI-USED I&S FAMILY WITH GENERIC MASTER NSN AND DIFFERENT RELATED ITEMS PECULIAR TO A USING SERVICE (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY | | | AIR FORCE | | | MARINE | | | NAVY | | | CIMA | | |
|------|-----------------|-------------|---------------------------|-----------|-----------|-----------|-----------|-----------|---------------|-----------|-----------|---------------|-----------|-----------|-----------|--|--|
| | | | OOU G JTC | OOU G JTC | OOU G JTC | OOU G JTC | OOU G JTC | OOU G JTC | OOU G JTC | OOU G JTC | OOU G JTC | OOU G JTC | OOU G JTC | OOU G JTC | OOU G JTC | | |
| ID | 4930-00-4421593 | | 4930-00-3696864 | | | | | | AAA | | | AAA | | | | | |
| | | | 4930-00-4606415 | | | | | | AAA | | | ZZZ | | | | | |
| | | | <u>1/</u> 4930-00-7428186 | | | | | | <u>2/</u> ABA | | | <u>2/</u> ABA | | | | | |
| | | | 4930-00-5488570 | | | | | | ABB | | | ABB | | | | | |
| | | | 4930-00-4423593 | <u>4/</u> | | <u>4/</u> | | | ABC 7 | | | ABC 7 | | | | | |
| | | | | | | | | | <u>5/</u> | | | | | | | | |

- NOTES:
- 1/ The family consists of five (5) items: a master item and four (4) related items.
- 2/ The Navy's (manager) assignment of OOU code ZZZ to the second item in the family indicates that the Navy does not have retail interest in the item, but does support another Service (i.e. the Marine Corps) on the items. Substitutability between the first item and the last three (3) items in the Navy's family group is noted by the different subgroup code values (i.e. AA and AB). Interchangeability among the last three (3) items is noted by the same subgroup code value (i.e. AB) on all items. Although increasing order of preference within the subgroup is implied by the ascending sequence code values (i.e. A, B and C), no order of preference exists: the master NSN applies to a generic specification and the related NSNs identify items of supply which comply equally with the provisions of the generic specification.
- 3/ Interchangeability between the first two (2) items in the Marine Corps' (user) family is noted by the same subgroup code value (i.e. AA). Increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A and B). Substitutability between the first two (2) items and the last three (3) items is noted by the different subgroup code values (i.e. AA and AB). In view of the fact that the master NSN is a generic NSN, those items in the master subgroup on which the Marine Corps is registered must be assigned the same subgroup code value (i.e. AB). Although the ascending sequence code values (i.e. A, B and C) imply an increasing order of preference, no actual order of preference exists.
- 4/ In the case of a family with a generic master NSN, the omission of OOU codes for other Services indicates that those Services have no retail interest in the family.
- 5/ In the case of a family with a generic master NSN, the manager must assign definitive OOU code (i.e. other than ZZZ) to every related generic item. Accordingly, in such cases, the manager can not manage the master NSN as a baseline item because OOU code XXX to the master item.

APPENDIX C-continued

EXAMPLE 21A. MULTI-USING I&S FAMILY WITH GENERIC MASTER NSN AND DIFFERENT RELATED ITEMS PECULIAR TO A USING SERVICE (I&S MICROFICHE/SEGMENT H FOR MAT)

| ACT | NSN | S/A | SIS | PC | REL/MASTER NSN | 00U | JTC |
|------------------|-----|-----|------|------------------|----------------|-----|-----|
| 4930-00-169-6864 | DM | NPB | F | 4930-00-442-1593 | | | |
| 4930-00-169-6864 | IN | N35 | F | 4930-00-442-1593 | | | |
| 4930-00-442-1593 | DM | NPB | S | 4930-00-442-1593 | AHC | | |
| | | | S | 4930-00-742-8186 | ABB | | |
| | | | 7 | 4930-00-660-6415 | ABA | | |
| 4930-00-442-1593 | DN | N35 | 7 | 4930-00-369-6864 | AAA | | |
| | | | S | 4930-00-442-1593 | ABC | | |
| | | | S | 4930-00-548-8570 | ABB | | |
| | | | 7 | 4930-00-742-8186 | ABA | | |
| | | | 7 | 4930-00-369-6864 | AAA | | |
| | | | 1/ | 4930-00-460-6415 | 222 | | |
| 4930-00-460-6415 | DM | NPB | F | 4930-00-442-1593 | | | |
| 4930-00-460-6415 | DN | N35 | 2/ U | 4930-00-442-1593 | | | |
| 4930-00-548-8570 | DM | NPB | J | 4930-00-742-8186 | | | |
| | | | J | 4930-00-442-1593 | | | |
| 4930-00-548-8570 | DN | N35 | J | 4930-00-742-8186 | | | |
| | | | J | 4930-00-442-1593 | | | |
| 4930-00-742-8186 | DM | NPB | J | 4930-00-548-8570 | | | |
| | | | J | 4930-00-442-1593 | | | |
| 4930-00-742-8186 | DN | N35 | J | 4930-00-548-8570 | | | |
| | | | J | 4930-00-442-1593 | | | |

NOTES: 1/ In the Navy record for the master NSN, the assignment of 00U code 222 to related NSN 4930-00-460-6415 indicates that the Navy has no retail interest in the item, but as manager of the I&S family does support in other Service (i.e. the Marine Corps) on the item.

2/ In the Navy record for related NSN 4930-00-460-6415, Phrase Code U is assigned in order to advise Navy field activities that the Navy has no retail interest in the item.

The following pages contain examples of I&S families with interchangeable and substitutable items assigned JTCs. Each example provides a portrayal of an appropriate I&S family in I&S Family Record Format, and is followed by a portrayal of the same family in an abstract of ML-C/Segment H format which is tailored to reflect the inclusion of I&S data. The first family in this series of examples also is portrayed in I&S Family Cross-Reference format. Due to the relative simplicity of the cross-reference format, additional portrayals in that format are considered to be unnecessary for this series of examples:

The examples in this series are as follows:

Examples 22 and 23. Single-used I&S Families.

Example 24. Multi-used I&S Family with Identical Related Items and Identical Orders of Use.

Example 25. Multi-used I&S Family with Identical Related Items, but Different Orders of Use.

Example 26. Multi-used I&S Family with Different Related Items Peculiar to the Managing Service.

Example 27. Multi-used I&S Family with Different Related Items Peculiar to the Using Service.

APPENDIX C-continued

EXAMPLE 22. SINGLE-USED I&S FAIRLY WITH JTC ASSIGNED (I&S FAIRLY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY 00U G JTC | AIR FORCE 00U G JTC | MARINE 00U G JTC | NAVY 00U G JTC | CIMM 00U G JTC |
|------|-----------------|--------------------|-------------------|------------------------|---------------------|-------------------|-------------------|
| RE | 4930-00-4421591 | 4930-00-3696164 | | | | AAA | ACA |
| | | 4930-00-2847100 | | | | 2/ ABA | |
| | | 1/ 4930-00-7428386 | | | | ACA | |
| | | 4930-00-5488570 | | | | 3/ ACB | |
| | | 4930-00-4423593 | 4/ | 4/ | 4/ | ACC | |

NOTES: 1/ The family consists of five (5) items: a master item and four (4) related items.

2/ Although substitutability between the first two (2) items is implied by the different subgroup code values (i.e. AA and AB), the entry of a JTC on the first item notes that there is a deviation from the normal, progressive I&S alignment. In this case, the value of the JTC (i.e. ACA) notes that the item next preferred to the first item is the third item in the family (i.e. the item assigned 00U code value ACA). The fact that the second item is spanned by the value of the JTC notes that the first and second items have no I&S relationship although they do have a common substitutable item (i.e. the third item).

3/ Substitutability between the first two (2) items and the last three (3) items is noted by the different subgroup code values (i.e. AA, AB and AC). Interchangeability among the last three (3) items is noted by the same subgroup code value (i.e. AC) on all items. Increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A, B and C).

4/ The omission of 00U codes for other Services indicates that those Services either have no retail interest in the family or manage the master item as a bachelor item.

APPENDIX C-continued

EXAMPLE 22A. SINGLE-USE DI&S FAMILY WITH JTC ASSIGNED I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OOU | JTC |
|------------------|------------------|-----|-----|--|--|--------------------------|---------------|
| <u>1/</u> | 4910-00-284-7300 | DN | N32 | <u>4/</u> P | 4910-00-442-3593 | | |
| <u>1/</u> | 4930-00-369-6864 | DN | N32 | <u>4/</u> P | 4930-00-442-3593 | | |
| | | | | | | | |
| 4930-00-442-3593 | | DN | N32 | <u>2/</u> <u>3/</u> G <u>3/</u> G <u>3/</u> 7 | 4910-00-442-3593 4910-00-548-8570 4910-00-742-8186 4930-00-284-7300 | ACC ACB ACA ABA | |
| | | | | | <u>3/</u> 7 | <u>3/</u> AAA | <u>3/</u> ACA |
| | | | | | | | |
| 4930-00-548-8570 | | DN | N32 | <u>4/</u> E | 4910-00-442-3593 | | |
| | | | | | | | |
| 4930-00-742-8186 | | DN | N32 | <u>4/</u> E | 4930-00-442-3593 | | |
| | | | | | | | |

NOTES: 1/ NSNs of record appear in NIIN sequence. Accordingly, in this case, related NSNs 4910-00-284-7300 and 4930-00-369-6864 will appear earlier than the master NSN.

2/ When the NSN of record is the master NSN, the NSN is repeated without an associated I&S phrase code in order to reflect the OOU code value assigned to the master item.

3/ When the NSN of record is the master NSN, reciprocal I&S phrase codes to the master NSN are reflected in conjunction with the related NSNs and their respective OOU code values.

4/ When the NSN of record is a related NSN, the forward I&S phrase code to the master NSN is reflected in conjunction with the master NSN. No OOU code values are reflected on the related NSN record.

5/ When the NSN of record is a related NSN, the presence of a JTC entry notes that there is a deviation from the normal, progressive I&S alignment within the family. In this case, the value of the JTC (i.e. ACA) notes that the next preferred substitutable item in the family is the item assigned OOU code value ACA. The fact that the second item is spanned by the value of the JTC notes that the first and second items have no I&S relationship although they do have a common substitutable item.

APPENDIX C-continued

EXAMPLE 22B. RELATED NSN TO MASTER NSN CROSS-REFERENCE (I&S FAMILY CROSS-REFERENCE FORMAT)

| NSN | MASTER NSN | NSN | MASTER NSN |
|---------------------------|-----------------|-----|------------|
| <u>1/</u> 4930-00-2847300 | 4930-00-4423593 | | |
| 4930-00-3696864 | 4930-00-4423593 | | |
| 4930-00-4423593 | 4930-00-4423593 | | |
| 4930-00-5488570 | 4930-00-4423593 | | |
| 4930-00-7428186 | 4930-00-4423593 | | |

NOTES: 1/ Each interchangeable, substitutable and/or generic NSN in the I&S family, including the master NSN, will be reflected in ascending NIIN sequence.

APPENDIX C-continued

EXAMPLE 23. SINGLE-USED I&S FAMILY WITH MULTIPLE JTC'S ASSIGNED (I&S FAULTY RECOPY FORMAT)

| PIU | MASTER NSN | RELATED NSN | ARMY | | AIR FORCE | | MARINE | | NAVY | | CIMM | |
|-----|-----------------|--------------------|-------|-----|-----------|-----|--------|-----|-------|-----|--------|-----|
| | | | 001 G | JTC | 001 G | JTC | 001 G | JTC | 001 G | JTC | 001 G | JTC |
| KE | 4930-00-4421593 | 4930-00-3696864 | | | | | | | | | AAA | ADA |
| | | 4930-00-2847300 | | | | | | | | | 2/ ANA | ADA |
| | | 6930-00-4506415 | | | | | | | | | ACA | |
| | | 1/ 4930-00-7429186 | | | | | | | | | ATA | |
| | | 6930-00-5498570 | | | | | | | | | 3/ ANB | |
| | | 4910-00-4423593 | 4/ | | 4/ | | 4/ | | 4/ | | ADC | |

NOTES: 1/ The family consists of six (6) items: a master item and five (5) related items.

- 2/ Although substitutability among the first three (3) items is implied by the different subgroup code values (i.e. AA, AB and AC), the entry of JTC's on the first two (2) items notes that there are deviations from the normal, progressive I&S alignment. In this case, the values of the JTC's (i.e. ADA) note that the item next preferred to the first and second items is the fourth item in the family (i.e. the item assigned 001 code value AA). The fact that the second and third/third items are spanned, respectively, by the values of the JTC's notes that the first, second and third items have no I&S relationship although they do have a common substitutable item (i.e. the fourth item).
- 3/ Substitutability between the first three (3) items and the last three (3) items is noted by the different subgroup code values (i.e. AA, AB, AC and AN). Interchangeability among the last three (3) items is noted by the same subgroup code value (i.e. AN) on all 11 items. Increasing order of preference within the subgroup is noted by the ascending sequence code values (i.e. A, B and C).
- 4/ The omission of 001 codes for other Services indicates that those Services either have no retail interest in the family or manage the master item as a hachelor item.

APPENDIX C--continued

EXAMPLE 21A. SINGLE-USED I&S FAMILY WITH MULTIPLE JTC'S ASSIGNED (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OOU | JTC |
|------------------|-----|-----|-----|----|------------------|-----|--------|
| 4930-00-284-7100 | | DN | N32 | F | 4930-00-442-3593 | | |
| 4930-00-369-6864 | | DN | N32 | F | 4930-00-442-3593 | | |
| 4930-00-442-3593 | | DN | N32 | C | 4930-00-442-3593 | ADC | |
| | | | | C | 4930-00-548-8510 | ADB | |
| | | | | C | 4930-00-742-8186 | ADA | |
| | | | | 7 | 4930-00-460-6615 | ACA | |
| | | | | 7 | 4930-00-284-7100 | ABA | 1/ ADA |
| | | | | 7 | 4930-00-369-6864 | AAA | 1/ ADA |
| 4930-00-460-6415 | | DN | N32 | F | 4930-00-442-3593 | | |
| 4930-00-548-8570 | | DN | N32 | E | 4930-00-442-3593 | | |
| 4930-00-742-8186 | | DN | N32 | E | 4930-00-442-3593 | | |

NOTES: 1/ When the NSN of record is a related NSN, the presence of a JTC entry notes that there is a deviation from the normal, progressive I&S alignment within the family. In this case, the value of the JTCS (i.e. ADA) notes that, for both items to which assigned, the next preferred substitutable item in the family is the item assigned OOU code value ADA. The fact that the second and third/third items are spanned by the values of the JTCS notes that the first, second and third items have no I&S relationship although they do have a common substitutable item.

APPENDIX C-continued

EXAMPLE 24. MULTI-USED I&S FAMILY WITH IDENTICAL RELATED ITEMS AND IDENTICAL ORDERS OF USE WITH JTCS ASSIGNED (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY 00U G JTC | AIR FORCE 00U G JTC | NAVY 00U G JTC | MARINE 00U G JTC | CIMM 00U G JTC |
|------|--------------------|-----------------|-------------------|------------------------|-------------------|---------------------|-------------------|
| BF | 4930-00-4423593 | 4930-00-1696864 | AAA | ADA | AAA | ADA | ADA |
| | 4930-00-2847300 | 2/ ABA | ADA | | 3/ ABA | ADA | |
| | 4930-00-4606415 | | ACA | | | ACA | |
| | 1/ 4930-00-7428186 | | ADA | | | ADA | |
| | 4930-00-5488570 | | AEA | | | AEA | |
| | 4930-00-4423593 | AEB | 4/ | | AEB | 4/ | |

NOTES: 1/ The family consists of six (6) items: a master item and five (5) related items.

2/ Although substitutability among the first three (3) items in the Army's (manager) family group is implied by the different subgroup code values (i.e. AA, AB and AC), the entry of JTCS on the first two (2) items notes that there are deviations from the normal, progressive I&S alignment. In this case, the values of the JTCS (i.e. ADA) note that, for Army applications, the item next preferred to the first and second items is the fourth item in the family group (i.e. the item assigned 00U code value ADA). The fact that the second and third items are spanned, respectively, by the values of the JTCS notes that the first, second and third items have no I&S relationship although they do have a common substitutable item (i.e. the fourth item).

3/ The entry of the JTCS on the first two (2) items in the Marine Corps' (user) family group also notes deviations from the normal, progressive I&S alignment. The values of the JTCS (i.e. ADA) note that, for Marine Corps applications also, the item next preferred to the first and second items is the fourth item in the family (i.e. the item assigned 00U code value ADA).

4/ The omission of 00U codes for other Services indicates that those Services either have no retail interest in the family or manage the master item as a bachelor item.

APPENDIX C-continued

EXAMPLE 24A. MULTI-USED I&S FAMILY WITH IDENTICAL RELATED ITEMS AND IDENTICAL ORDERS OF USE WITH JTC's ASSIGNED (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | 00W | JTC |
|-----------|--------------------------------------|----------|------------|--------|--------------------------------------|------------|---------------|
| <u>1/</u> | 4930-00-284-7100 4930-00-284-7300 | DA DM | B14 MPB | F F | 4930-00-442-3593 4930-00-442-3593 | | |
| | 4930-00-369-6864 4930-00-369-6864 | DA DM | B14 MPB | F F | 4930-00-442-3593 4930-00-442-3593 | | |
| | 4930-00-442-3593 | DA | B14 | C | 4930-00-442-3593 4930-00-548-8570 | AEB AEA | |
| | | | | 7 | 4930-00-742-9186 | ADA | |
| | | | | 7 | 4930-00-460-6415 | ACA | |
| | | | | 7 | 4930-00-284-7300 | ABA | <u>2/ ADA</u> |
| | | | | 7 | 4930-00-369-6864 | AAA | <u>2/ ADA</u> |
| | | | | 7 | 4930-00-442-3593 | AEB | |
| | | | | 7 | 4930-00-548-8570 | AEA | |
| | | | | 7 | 4930-00-742-9186 | ADA | |
| | | | | 7 | 4930-00-460-6415 | ACA | <u>2/ ADA</u> |
| | | | | 7 | 4930-00-284-7300 | ABA | <u>2/ ADA</u> |
| | | | | 7 | 4930-00-369-6864 | AAA | |
| | 4930-00-460-6415 4930-00-460-6415 | DA DM | B14 MPB | F F | 4930-00-442-3593 4930-00-442-3593 | | |
| | 4930-00-548-8570 4930-00-548-8570 | DA DM | B14 MPB | E E | 4930-00-442-3593 4930-00-442-3593 | | |
| | 4930-00-742-8186 4930-00-742-8186 | DA DM | B14 MPB | F F | 4930-00-442-3593 4930-00-442-3593 | | |

APPENDIX C--continued

EXAMPLE 24A. (CONT'D)

- NOTES: 1/ Separate NSN records are reflected for each managing/using Service/Agency. Phrase code and OOU code data applicable to each Service/Agency appears with the respective Service/Agency record. Field activities in each Service normally should refer only to their respective Service records when preparing/submitting requisitions.
- 2/ When the NSN of record is a related NSN, the presence of a JTC entry notes that there is a deviation from the normal, progressive I&S alignment within the family. In this case, the value of the JTCs (f.e. ADA) notes that, for both items to which assigned, the next preferred substitutable item in the respective family groups is the item assigned OOU code value ADA. The fact that the second and third/third items are spanned by the values of the JTCs notes that the first, second and third items have no I&S relationship although they do have a common substitutable item.

APPENDIX C-continued

EXAMPLE 25. MULTI-US ED I&S FAMILY WITH IDENTICAL RELATED ITEMS, BUT DIFFERENT ORDERS OF USE WITH JTC's ASSIGNED (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | 00U C JTC | ARMY | | AIR FORCE | | MARINE | | NAVY | | CIMM | |
|------|-----------------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | | | 00U C JTC |
| KE | 4930-00-4423591 | 4930-00-3696864 | | 4/ ABA | | 3/ AAA | ADA | | | AAA | ADA | | |
| | | 4930-00-2847300 | | | | ACA | | | | 2/ ABA | ADA | | |
| | | 4930-00-4606415 | | | | ADA | | | | ACA | | | |
| | | 1/ 4930-00-7428186 | | | | | | | | ADA | | | |
| | | 4930-00-5468570 | | | | ADB | | | | ADB | | | |
| | | 4930-00-4423591 | 5/ | | | ADC | 5/ | | | ADC | | | |

NOTES: 1/ The family consists of six (6) items: a master item and five (5) related items.

2/ Although substitutability among the first three (3) items in the Navy's (manager) family group is implied by the different subgroup code values (i.e. AA, AB and AC), the entry of JTCs on the first two (2) items notes that there are deviations from the normal, progressive I&S alignment. In this case, the values of the JTCs (i.e. ADA) note that, for Navy applications, the item next preferred to the first and second item is the fourth item in the family group (i.e. the item assigned 00U code value ADA). The fact that the second and third/third items are spanned, respectively, by the values of the JTCs notes that the first, second and third items have no I&S relationship although they do have a common substitutable item (i.e. the fourth item).

3/ The entry of a JTC on the second item in the Air Force's (user) family group also notes a deviation from the normal, progressive I&S alignment. The value of the JTC (i.e. ADA) notes that, for Air Force applications, the item next preferred to the second item is the fourth item in the family (i.e. the item assigned 00U code value ADA). The fact that the first and third items are spanned by the value of the JTC notes that the second item has no I&S relationship with either of those two items although they do have a common substitutable item (i.e. the fourth item).

4/ The omission of a JTC on the first item in the Air Force's family group indicates that, for Air Force applications, there is no deviation from the substitutability implied by the different subgroup code values (i.e. AB and AC). Increasing order of preference is noted by the ascending subgroup code values. (Special note: In this case, Air Force reversal of the 00U code values applied by the Navy on the first and second items has avoided the entry of a second, unnecessary JTC; given the Air Force applications, assignment of the Navy 00U code values would have required the entry of JTC ACA on the first item in order to establish substitutability between the items.)

5/ The omission of 00U codes for other Services indicates that those Services either have no retail interest in the family or manage the master item as a baseline item.

APPENDIX C-continued

EXAMPLE 25A. MULTI-USED I&S FAMILY WITH IDENTICAL RELATED ITEMS BUT DIFFERENT ORDERS OF USE WITH JTCs ASSIGNED (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OOU | JTC |
|------------------|-----|-----|-----|----|------------------|-----|-----------|
| 4930-00-284-7300 | DN | N32 | F | | 4930-00-442-3593 | | |
| 4930-00-284-7300 | DF | FLZ | F | | 4930-00-442-3593 | | |
| 4930-00-169-6864 | DN | N32 | F | | 4930-00-442-3593 | | |
| 4930-00-169-6864 | DF | FLZ | F | | 4930-00-442-3593 | | |
| 4930-00-442-3593 | DN | N32 | C | | 4930-00-442-3593 | ADC | |
| | | | C | | 4930-00-548-8570 | ADB | |
| | | | C | | 4930-00-742-8186 | ADA | |
| | | | 7 | | 4930-00-460-6415 | ACA | |
| | | | 7 | | 4930-00-284-7300 | ABA | 1/ ADA |
| | | | 7 | | 4930-00-369-6864 | AAA | |
| | | | 7 | | 4930-00-442-3593 | ADC | |
| | | FLZ | C | | 4930-00-548-8570 | ADB | |
| | | FLZ | C | | 4930-00-742-8186 | ADA | |
| 4930-00-442-3593 | DF | FLZ | 7 | | 4930-00-460-6415 | ACA | |
| | | FLZ | 7 | | 4930-00-369-6864 | ABA | |
| | | FLZ | 7 | | 4930-00-284-7300 | AAA | 2/ ADA |
| 4930-00-460-6415 | DN | N32 | F | | 4930-00-442-3593 | | |
| 4930-00-460-6415 | DF | FLZ | F | | 4930-00-442-3593 | | |
| 4930-00-548-8570 | DN | N32 | E | | 4930-00-442-3593 | | |
| 4930-00-548-8570 | DF | FLZ | E | | 4930-00-442-3593 | | |
| 4930-00-742-8186 | DN | N32 | E | | 4930-00-442-3593 | | |
| 4930-00-742-8186 | DF | FLZ | E | | 4930-00-442-3593 | | |

APPENDIX C-continued

EXAMPLE 25A (CONT'D)

- NOTES:
- 1/ When the NSN of record is a related NSN, the presence of a JTC entry notes that there is a deviation from the normal, progressive I&S alignment within the family. In this case, the value of the JTC (i.e. ADA) assigned by the Navy notes that, for both items to which assigned, the next preferred substitutable item in the family group is the item assigned OOU code value ADA. The fact that the second and third/third items are spanned by the values of the JTCs notes that the first, second and third items have no I&S relationship for Navy applications although they do have a common substitutable item.
- 2/ The Air Force record on the master NSN reflects an order of use/preference within the Air Force which differs from the OOU code values and JTCs assigned by the manager of the family. In this case, the value of the JTC (i.e. ADA) assigned by the Air Force notes that, for the item to which assigned, the next preferred substitutable item in the family group is the item assigned OOU code value ADA. The fact that the items assigned OOU code values ABA and ACA are spanned by the value of the JTC notes that those items have no I&S relationship, for Air Force applications, with the item assigned the JTC although they do have a common substitutable item.

APPENDIX C-continued

EXAMPLE 26. MULTI-USING I&S FAMILY WITH DIFFERENT RELATED ITEMS PECULIAR TO THE MANAGING SERVICE AND JTC'S ASSIGNED (I&S FAMILY RECORD FORMAT)

| PICA | MASTER NSN | RELATED NSN | ARMY | AIR FORCE | MARINE | NAVY | CIMM |
|------|-----------------|---------------------------|---------------|-----------|---------------|-----------|-----------|
| | | | 0011 G JTC | 001 G JTC | 001 G JTC | 001 G JTC | 001 G JTC |
| TA | 4930-00-4423593 | 4930-00-3696864 | <u>3/</u> AAA | ACA | <u>2/</u> ABA | ADA | |
| | | 4930-00-4606415 | | | | | ACA |
| | | 4930-00-9776640 | ABA | | | | |
| | | | | ACB | | | |
| | | <u>1/</u> 4930-00-7872007 | | | | | |
| | | 4930-00-7428186 | | ADA | | | |
| | | 4930-00-5488570 | | ADB | | | |
| | | 4930-00-4423593 | ACA | ADC | <u>4/</u> | | |
| | | | | | | | |

NOTES: 1/ The family consists of seven (7) items: a master item and six (6) related items.

2/ Although substitutability between the second item and the third and fourth items in the Air Force's (manager) family group is implied by the different subgroup code values (i.e. AB and AC), the entry of a JTC on the second item notes that there is a deviation from the normal, progressive I&S alignment. In this case, the value of the JTC (i.e. ADA) notes that the item next preferred to the second item is the fifth item in the family group (i.e. the item assigned OOU code value ADA). The fact that the third and fourth items are spanned by the value of the JTC notes that, for Air Force applications, the second item has no I&S relationship with either the third or fourth items although they do have a common substitutable item (i.e. the fifth item).

3/ The entry of a JTC on the first item in the Army's (user) family group also notes a deviation from the normal, progressive I&S alignment. The value of the JTC (i.e. ACA) notes that, for Army applications, the item next preferred to the first item is the master item (i.e. the item assigned OOU code value ACA). The fact that the item assigned OOU code value ADA is spanned by the value of the JTC notes that the first item has no I&S relationship with that item although they do have a common substitutable item (i.e. the master item). No order of use/preference is established on the remaining items in the family on which the Army does not have registration. In such cases, the Army OOU code values and JTC will be observed when the manager makes logistics decisions for Army requirements (e.g. assets of the items not assigned Army OOU values will not be issued against Army requisitions without user approval; assets of the item assigned OOU code value ADA will not be issued against Army requisitions for the first item due to the assigned JTC).

4/ The omission of OOU codes for other services indicates that those services either have no interest in the family or manage the master item as a bachelor item.

APPENDIX C-continued

EXAMPLE 26A. MULTI-USED I&S FAMILY WITH DIFFERENT RELATED ITEMS PECULIAR TO THE MANAGING SERVICE
AND JTCs ASSIGNED (I&S MICROFICHE/SEGMENT H FORMAT)

| ACT | NSN | I/A | SOS | PC | REL/MASTER NSN | 00U | JTC |
|-----|------------------|-----|-----------|-------------|------------------|-----|-----|
| | 4930-00-369-8864 | DA | B17 | F | 4930-00-442-3593 | | |
| | 4930-00-369-8864 | DF | FFZ | F | 4930-00-442-3593 | | |
| | 4930-00-442-3593 | DA | B17 | <u>1/</u> 7 | 4930-00-442-3593 | | ACA |
| | 4930-00-442-3593 | DF | FFZ | 7 | 4930-00-977-6640 | | ABA |
| | | | | | 4930-00-J69-8864 | | AAA |
| | | | | | 4930-00-442-3593 | | ADC |
| | 4930-00-460-6415 | DF | <u>2/</u> | G | 4930-00-548-8570 | | ADB |
| | | | | | 4930-00-742-8186 | | ADA |
| | | | | | 4930-00-787-2007 | | ACB |
| | 4930-00-548-8570 | DF | <u>2/</u> | E | 4930-00-977-6640 | | ACA |
| | 4930-00-742-8186 | DF | <u>2/</u> | E | 4930-00-460-6415 | | ABA |
| | 4930-00-787-2007 | DF | <u>2/</u> | F | 4930-00-369-8864 | | AAA |
| | 4930-00-977-6640 | DA | B17 | F | 4930-00-442-3593 | | |
| | 4930-00-977-6640 | DF | FFZ | F | 4930-00-442-3593 | | |

NOTES: 1/ In the Army record for the master NSN, the omission of related NSNs 4930-00-460-6415, 4930-00-787-2007, 4930-742-8186 and 4930-00-348-8570 indicates that the Army does not have registration on those items.
2/ Since the Army does not have registration on NSNs 4930-00-460-6415, 4930-00-787-2007, 4930-00-442-3593 and 4930-00-348-8570, no Army record is reflected on those NSNs.

APPENDIX C-continued

EXAMPLE 27. MULTI-USED I&S FAMILY WITH DIFFERENT RELATED ITEMS PECULIAR TO A USING SERVICE AND JTC's ASSIGNED (I&S FAMILY RECORD FORMAT)

| PI/CA | MASTER NSN | RELATED NSN | ARMY | | AIR FORCE | | MARINE | | NAVY | | CIMM | |
|-------|-----------------|---------------------------|---------------|-----------|------------|-----------|-----------|-----------|------------|------------|-----------|--|
| | | | 00U G JTC | 00U C JTC | 00U C JTC | 00U C JTC | 00U G JTC | 00U G JTC | 00U G JTC | 00U G JTC | 00U G JTC | |
| SX | 4930-00-4423593 | 4930-00-3696864 | | | AAA | AEA | | | AAA | AHA | | |
| | | 4910-00-2847300 | | | ABA | | | | ABA | AHA | | |
| | | 4930-00-4606415 | AAA | | ZZZ | | | | ACA | AHA | | |
| | | <u>1/</u> 4910-00-9176640 | <u>4/</u> ABA | <u>2/</u> | <u>ZZZ</u> | | | <u>3/</u> | <u>ADA</u> | <u>AHA</u> | | |
| | | 4910-00-7872007 | | | ACA | | | | AEA | AHA | | |
| | | 4910-00-7428186 | | | ADA | | | | AFA | AHA | | |
| | | 4930-00-5488570 | ACA | | AEA | | | | ACA | | | |
| | | 4910-00-4423593 | ACB | | AEB | <u>5/</u> | | | AHA | | | |

NOTES: 1/ The family consists of eight (8) items: a master item and seven (7) related items.

- 2/ The Air Force's (manager) assignment of 00U code ZZZ to the third and fourth items in the family indicates that the Air Force does not have retail interest in the items, but does support other Services (i.e. the Army and the Navy) on the items. The items are included in the manager's family group in order to maintain a consistent wholesale management assignment for the family. Although substitutability among the first, second, fifth and sixth items is implied by the different subgroup code values (i.e. AA, AB, AC and AD), the entry of a JTC on the first item notes that there is a deviation from the normal, progressive I&S alignment. In this case, the value of the JTC (i.e. AEA) notes that the item next preferred to the first item is the seventh item in the family (i.e. the item assigned 00U code value AEA). The fact that the second, fifth and sixth items are spanned by the values of the JTC notes that, for Air Force applications, those items have no I&S relationship with the first item although they do have a common substitutable item (i.e. the seventh item).

APPENDIX C-continued

EXAMPLE 27. (CONT'D)

- 3/ The entry of JTCs in the Navy's (user) family group also notes deviations from the normal, progressive I&S alignment. The values of the JTC (i.e. AHA) note that, for Navy applications, the item next preferred to each of the first six (6) items is the master item (i.e. the item assigned OOU code value AHA). The fact that the second through the seventh items are successively spanned by the values of the JTCs notes that the first seven (7) items have no I&S relationship with each other although they do have a common substitutable item (i.e. the master item). Navy OOU code values and JTCs will be observed when the manager makes logistics decisions for Navy requirements.
- 4/ Interchangeability and substitutability determinations in the Army's (user) family group reflect no deviations from the normal, progressive I&S alignment. No order of use/preference is established on the first, second, fifth and sixth items, on which the Army does not have regulation. Army OOU code values will be observed when the manager makes logistics decisions for Army requirements.
- 5/ The omission of OOU codes for other Services indicates that those Services either have no retail interest in the family or manage the master item as a bachelor item.

APPENDIX C—CONTINUED

EXAMPLE 27A. MULTI-USED I&S FAMILY WITH DIFFERENT RELATED ITEMS PECULIAR TO A USING SERVICE AND JTCs ASSIGNED / I&S MICROFICHE/SEGMENT H FORMAT

| ACT | NSN | S/A | SOS | PC | REL/MASTER NSN | OOI | JTC |
|------------------|------|-----|------|------------------|----------------|-----|-----|
| 4930-00-284-7300 | / DF | FHZ | F | 4930-00-442-3593 | | | |
| 4930-00-284-7300 | DN | N32 | F | 4930-00-442-3593 | | | |
| 4930-00-369-6864 | / DF | FHZ | F | 4930-00-442-3593 | | | |
| 4930-00-369-6864 | DN | N32 | F | 4930-00-442-3593 | | | |
| 4930-00-442-3593 | DA | B17 | 3/ C | 4930-00-442-3593 | ACB | | |
| 4930-00-442-3593 | | | 2/ | 4930-00-548-8570 | ACA | | |
| 4930-00-442-3593 | DF | FHZ | C | 4930-00-548-8570 | ABA | | |
| 4930-00-442-3593 | | | 7 | 4930-00-977-6640 | AAA | | |
| 4930-00-442-3593 | | | 7 | 4930-00-460-6415 | AEB | | |
| 4930-00-442-3593 | | | 7 | 4930-00-442-3593 | AEA | | |
| 4930-00-442-3593 | | | 7 | 4930-00-548-8570 | ADA | | |
| 4930-00-442-3593 | | | 7 | 4930-00-742-8186 | ACA | | |
| 4930-00-442-3593 | | | 7 | 4930-00-787-2007 | ABA | | |
| 4930-00-442-3593 | | | 7 | 4930-00-284-7100 | AAA | | |
| 4930-00-442-3593 | | | 7 | 4930-00-369-6864 | AAA | | |
| 4930-00-442-3593 | | | 1/ | 4930-00-460-6415 | ZZZ | | |
| 4930-00-442-3593 | | | 1/ | 4930-00-977-6640 | ZZZ | | |
| 4930-00-442-3593 | | | | 4930-00-442-3593 | AHA | | |
| 4930-00-442-3593 | | | | 4930-00-548-8570 | AGA | | |
| 4930-00-442-3593 | | | | 4930-00-742-8186 | AFA | | |
| 4930-00-442-3593 | | | | 4930-00-787-2007 | AEA | | |
| 4930-00-442-3593 | | | | 4930-00-977-6640 | ADA | | |
| 4930-00-442-3593 | | | | 4930-00-460-6415 | ACA | | |
| 4930-00-442-3593 | | | | 4930-00-284-7100 | ABA | | |
| 4930-00-442-3593 | | | | 4930-00-369-6864 | AAA | | |
| 4930-00-460-6415 | DA | B17 | 2/ F | 4930-00-442-3593 | AHA | | |
| 4930-00-460-6415 | DF | FHZ | U | 4930-00-442-3593 | AAA | | |
| 4930-00-460-6415 | DN | N32 | F | 4930-00-442-3593 | AHA | | |
| 4930-00-548-8570 | DA | B17 | E | 4930-00-442-3593 | AAA | | |
| 4930-00-548-8570 | DF | FHZ | E | 4930-00-442-3593 | AHA | | |
| 4930-00-548-8570 | DN | N32 | F | 4930-00-442-3593 | AAA | | |
| 4930-00-742-8186 | / DF | FHZ | F | 4930-00-442-3593 | AHA | | |
| 4930-00-742-8186 | DN | N32 | F | 4930-00-442-3593 | AAA | | |
| 4930-00-787-2007 | / DF | FHZ | F | 4930-00-442-3593 | AHA | | |
| 4930-00-787-2007 | DN | N32 | F | 4930-00-442-3593 | AAA | | |
| 4930-00-977-6640 | DA | B17 | 2/ U | 4930-00-442-3593 | AHA | | |
| 4930-00-977-6640 | DP | FHZ | P | 4930-00-442-3593 | AAA | | |
| 4930-00-977-6640 | DN | N32 | F | 4930-00-442-3593 | AHA | | |

APPENDIX C-continued

EXAMPLE 27A. (CONT'D)

- NOTES:
- 1/ In the Air Force record for the master NSN, the assignment of OOU code ZZZ to related NSNs 4930-00-460-6415 and 4930-00-977-6640 indicates that the Air Force has no retail interest in either item, but as manager of the 165 family does support other Services (i.e. the Army and the Navy) on the items.
 - 2/ In the Air Force records for related NSNs 4930-00-460-6415 and 4930-00-977-6640, Phrase Code U is assigned in order to advise Air Force field activities that the Air Force has no retail interest in either item.
 - 3/ In the Army record for the master NSN, the omission of related NSNs 4930-00-284-7300, 4930-00-369-6864, 4930-00-742-8186 and 4930-00-787-2007 indicates that the Army does not have registration on those items.
 - 4/ Since the Army does have registration on NIINs 4930-00-284-7300, 4930-00-369-6864, 4930-00-742-8186 and 4930-00-787-2007, no Army record is reflected on those NSNs.

APPENDIX D

SB TECHNICAL / CATALOGING DATA (Origination Service / Agency only. Master NSN only.)

| MANDATORY | | | | OPTIONAL (As applicable) | | | |
|------------------|---------------|----------|----------|--------------------------|-------|-----|--------------|
| MOE RULE FGG4 | SMR P00ZRN | AAC L | MLC S | COLL / RCVR | NIMSC | IMC | DMI DECISION |

APPENDIX D-continued

| | | | | | | | | | | |
|---|---------------------------------|--------------------------------------|-----------------------|---|---|-----|--------------|--------------------------|---|-----|
| E PROPOSED ACTIONS | | | | | | | | | | |
| A MASTER NSN | | | | | | | | | | |
| <input checked="" type="checkbox"/> RETAIN CURRENT MASTER NSN <input type="checkbox"/> RESTRUCTURE CURRENT FAMILY. NEW MASTER NSN _____ <input type="checkbox"/> ADD NEW MASTER NSN _____ | | | | | | | | | | |
| B RELATED NSNS | | | | | | | | | | |
| <input checked="" type="checkbox"/> RETAIN CURRENT RELATED NSN(S) <input type="checkbox"/> ADD NEW RELATED NSN(S) _____ <input type="checkbox"/> DELETE CURRENT RELATED NSN(S) _____ | | | | | | | | | | |
| C JUSTIFICATION | | | | | | | | | | |
| D SUPPORTING DOCUMENTATION | | | | | | | | | | |
| <input checked="" type="checkbox"/> DD FORM 1685 <input type="checkbox"/> STANDARDIZATION STUDY _____ <input type="checkbox"/> OTHER _____ | | <input type="checkbox"/> JLC FORM 19 | | <input type="checkbox"/> APPROVED ECP <input type="checkbox"/> TECHNICAL DIRECTIVE _____ | | | | | | |
| E INTERCHANGEABILITY STATEMENT (If proposing addition of new master NSN) | | | | | | | | | | |
| <input type="checkbox"/> ELECTRICAL | | <input type="checkbox"/> MECHANICAL | | <input type="checkbox"/> PHYSICAL AND DIMENSIONAL | | | | | | |
| F ORIGINATOR'S PROPOSED I & S FAMILY | | | | | | | | | | |
| A I & S DATA | PC | OOU | G | JTC | RELATED NSN(S) | | PC | OOU | G | JTC |
| MASTER NSN 4610-00-853-0547 | 7 | ABA | | | | | | | | |
| RELATED NSN(S) 4610-00-056-8996 | F | AAA | | | | | | | | |
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| | | | | | | | | | | |
| B. TECHNICAL / CATALOGING DATA (Originating Service / Agency, new family NSN(S) only) | | | | | | | | | | |
| MANDATORY | | | | | OPTIONAL (As applicable) | | | | | |
| MOE MODULE ¹ FGGA | SMR CODE ¹ P00ZZN | AAC ¹ 1 | MLC ¹ S | COL/UR/VR ¹ | NIMSC ¹ | IMC | DMI DECISION | | | |
| 1 (NOTE # different from equivalent data in block 5B above, JLC Form 19 must be attached) | | | | | | | | | | |
| G REMARKS (If applicable) | | | | | | | | | | |
| H ORIGINATOR NAME AND AUTOVON EXTENSION DUANE HENDERSON/369-9263 | | | | | I SIGNATURE OF APPROVING OFFICIAL <i>Al Bassman</i> | | | J DATE 6-23-85 | | |

APPENDIX D (continued)

APPENDIX D-continued

INSTRUCTIONS FOR COMPLETING JLC FORM 47

1. Blocks 1 through 11 will be completed by the originating S/A.
2. Block 1: Mailing Address To. Enter the mailing address and organizational code of the intended respondent activity from DoD 4100.39-M, Volume 10, Table 104.
 - a. If the originating activity is the assigned wholesale manager, a separate JLC Form 47 will be submitted to each interested S/A in accordance with the criteria in paragraph 4-3 of this regulation.
 - b. If the originating activity is a using S/A, JLC Form 47 will be submitted to the managing S/A only.
3. Block 2: Mailing Address of Originator. Enter the mailing address and organizational code of the originating activity from DoD 4100.39-M, Volume 10, Table 104.
4. NOTE. Insert the timeframe in which the respondent should indicate concurrence or nonconcurrence with the originator's request.
 - a. If the originator is the managing S/A, a minimum of 45 days will be allowed for a response.
 - b. If the originator is a using S/A the manager must collaborate separately with other interested S/A; a minimum of 90 days will be allowed for a response.
 - c. If the originator is a using S/A and the manager has no separate collaboration requirements, a minimum of 45 days will be allowed for a response.
5. Block 3: Reference NSN. Enter an appropriate reference NSN to facilitate identification of the request in any separate correspondence.
 - a. If the proposed action involves the establishment of a new family, enter the NSN of the proposed master item.
 - b. If the proposed action involves either the deletion of an existing family, designation of a new master item, or the addition of a new related item, enter the NSN of the current master item.
 - c. If the proposed action involves the deletion of an existing related item, enter the NSN of that item.
6. Block 4: Item Name. Enter the nomenclature of the reference NSN in Block 3.
7. Block 5: I&S Family. Enter data on the current I&S family as follows:
 - a. In Block 5.a., enter the master NSN and all related NSNs in the family irrespective of originating S/A retail interest in the items. If there are more than ten items in the family, list the remaining items on a separate, attached sheet.
 - (1) If the originating S/A is the current manager of the family, its assigned Phrase Codes (PC), Order of Use (OOU) Codes, Generic Item Indicator Codes (GIIC) and Jump-To Codes (JTC) will be entered for every item in the family under "Originating Service/Agency". The current PC, OOU, GIIC and JTC assignments of the pertinent using S/A will be entered under "Responding Service/Agency" only for those items on which the user is registered.
 - (2) If the originating S/A is a registered user of the family, its PC, OOU, GIIC and JTC assignments will be entered under "Originating Service/Agency" only for those items on which the user is registered. The PC, OOU, GIIC and JTC assignments of the managing S/A will be entered under "Responding Service/Agency" for all items in the family.
 - b. In Block 5b, enter appropriate mandatory data assigned by the originating S/A to the master item. Enter optional data assigned by the originating S/A to the master item, as applicable.

APPENDIX E

IMPACTED DOD AND COMPONENT REGULATORY PUBLICATIONS

| Directives | <u>Proposed Changes Contained Herein</u> |
|---|--|
| AFLCR 400-21/DARCOM 700-99/NAVMATNST 479023A/MCO P4410.22A (Joint Regulation Governing the Elimination of Duplication in the Management and Logistics Support of Multiused Nonconsumable Items) | Cited in paragraph 4-4, Wholesale Manager Assignments; 4-9, Logistics Reassignment; 4-11, Configuration Management; 4-12, Requirements Computation; 4-15, Requisition Processing; 4-18, Repair Management; 4-20, Materiel Returns; 4-21, Billing and Credit. |
| DODD 4000.19 (Interservice, Interdepartmental, Interagency Support (MRA&L)) | Cited in paragraph 4-8, Pricing. |
| DOD 4000.23-M (Military Standard and Transportation Evaluation Procedure - MILSTEP) | Cited in paragraph 4-24, Supply Effectiveness. |
| DOD 4000.25-7M (Military Standard Billing System - MILSBILLS) | Cited in paragraph 4-21, Billing and Credit. |
| DODD 4100.37 (Retention and Transfer of Materiel Assets) | Cited in paragraph 4-8, Pricing; 4-16, Priority Application of Assets; 4-20, Materiel Returns. |
| DOD 4100.38-M (Provisioning and Other Preprocurement Screening Manual) | Cited in paragraph 4-5, Provisioning. |
| DOD 4100.39-M (Defense Integrated Data System (DIDS) Procedure Manual) | Cited in paragraph 4-7, Cataloging; 4-8 Pricing. |
| DOD 4120.3-M (Defense Standardization and Specification) | Cited in paragraph 4-10, Standardization. |
| DOD 4130.2-M (Federal Catalog System Policy Manual) | Cited in paragraph 4-3, Collaboration; 4-7, Cataloging. |
| DODD 4140.2 (Management of War Reserves) | Cited in paragraph 4-13, War Reserve. |
| DOD 4140.17-M (Military Standard Requisitioning and Issue Procedure - MILSTRIP) | Cited in paragraph 4-15, Requisition Processing; 4-16, Priority Application of Assets; 4-20, Materiel Returns; 4-21, Billing and Credit. |
| DODI 4140.21 (Management of War Reserves for Integrated Items Assigned to the Military Departments, the Defense Supply Agency, and the General Services Administration) | Cited in paragraph 4-13, War Reserves. |
| DOD 4140.22-M (Military Transaction Reporting Accounting Procedure) | Cited in paragraph 4-9, Logistics reassessments; 4-12, Requirements Computation. |
| DODI 4140.24 (Requirements Priority and Asset Application for Secondary Items) | Cited in paragraph 4-14, Budgeting and Funding. |